

# CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

## STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME II - CORRECTED ACCELEROGRAMS AND INTEGRATED  
GROUND VELOCITY AND DISPLACEMENT CURVES

PART B - ACCELEROGRAMS IIB021 THROUGH IIB040

EERL 72-50

A REPORT ON RESEARCH CONDUCTED UNDER A  
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

FEBRUARY, 1973

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## ABSTRACT

The first set of twenty corrected earthquake accelerograms was published in September 1971 as Volume II, Part A, Report EERL 71-50, the first report of the present series. That volume also contained introductory material and background information describing the types of corrections used. The corresponding uncorrected data appeared in Volume I, Part A, Report EERL 70-20. Both of these reports, containing references related to the records themselves and the various procedures, should be referred to by all users of the data. This issue, Volume II, Part B, Report EERL 72-50, continues the accelerograms recorded between 1933 and 1968, including particularly El Centro, California, 1934; Helena, Montana, 1935; Seattle and Olympia, Washington, 1949; Olympia, Washington, 1965; and the Cholame-Shandon array, 1966. The uncorrected versions of the accelerograms in this issue appeared in Volume I, Part B, Report EERL 70-21.

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## PREFACE TO VOLUME II, PART B

Part A of Volume II, Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves, was published in September 1971, and contained in a general introduction to the series detailed information on the methods and procedures used which should be consulted by all users of the data. Since that time, the following new papers have been published giving additional details:

Trifunac, M. D., "Zero Baseline Correction of Strong-Motion Accelerograms," Bull. Seism. Soc. Amer., Vol. 61, No. 5, pp. 1201-1211, October 1971.

Trifunac, M. D., "A Note on Corrections of Strong-Motion Accelerograms for Instrument Response," Bull. Seism. Soc. Amer., Vol. 62, No. 1, pp. 401-409, February 1972.

Trifunac, M. D., F. E. Udawadia, and A. G. Brady, "Analysis of Errors in Digitized Strong-Motion Accelerograms," Bull. Seism. Soc. Amer., Vol. 63, No. 1, 1973.

The reports of strong-motion earthquakes published by the Seismological Field Survey in the annual publication "United States Earthquakes," issued by the National Oceanic and Atmospheric Administration (formerly the Coast and Geodetic Survey), have been the source of most of the data compiled in the various tables in this report.

For example, the information contained in the column labeled "Direction" in the Table of Instrument Characteristics on page 7 of this report, comes from this source. Since there has been in the past some ambiguity in the way in which component directions have been described

in "United States Earthquakes" and other publications of the Seismological Field Survey, a summary of standard useage in this report has been assembled.

The following table shows the column headings used in "United States Earthquakes" for various periods of time, along with explanatory footnotes which sometimes appear:

Component Directions as given in "United States Earthquakes"

<u>Date</u>	<u>Column Heading</u>	<u>Footnote</u>
1933-47	"Orientation"	"Pendulum Motion"
1948-51	"Component"	"Pendulum Motion"
1952-53	"Component"	"Pendulum Direction"
1954-69	"Component"	no footnote

Additional clarification of the intent of the above conventions can be gathered from the publication "Strong-Motion Station Instrumental Data," Seismological Field Survey, NOAA-ERL-ESL, June 30, 1972. It is stated there in the definitions on page 1 that "Orientation = Direction of Displacement of Seismometer Pendulum for Trace Up on the Record."

From the above, it seems clear that the intent of the Seismological Field Survey has been that the given component direction should specify the direction of transducer pendulum motion corresponding to a trace motion "up" on the record as normally viewed with time increasing from left to right. As far as can be ascertained, this procedure has been consistently employed since the beginning of the strong-motion program, although it has not always been specifically mentioned in various documents. Some care must be used, however, in referring to the accelerogram sketches reproduced in "United States Earthquakes" (e.g. 1954-1957, 1959), since

some of them have reversed component directions, apparently to indicate true ground motion.

The above procedures of the Seismological Field Survey reflect in a logical way the type of calibrating test that is convenient to make in the field. A physical static displacement of the transducer pendulum in a specified direction can easily and quickly be identified with the direction of motion of the trace on the recording medium. Similarly, a static tilt test with the accelerograph being tilted down towards a specified direction produces a static displacement of the pendulum in the same direction. During earthquake acceleration measurements the transducer pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base, and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. For those applications requiring true ground directions, therefore, the directions as given in standard data derived from the Seismological Field Survey will need to be reversed.

With the above background in mind, the nature of the decisions to be made in producing the standard digitized accelerogram data under the Caltech program will become clear. It is first of all convenient that all plotted accelerograms should preserve the appearance and directions as labeled on the original recording, the reproductions circulated by the Seismological Field Survey and those reproduced in "United States Earthquakes." Secondly it is highly desirable if the component directions can have the same notation and numerical values as those given in tables and other references in "United States Earthquakes" and other Seismological Field Survey compilations.

The solution adopted for Volume I, "Digitized and Plotted Data - Uncorrected Accelerograms", was to preserve the original format exactly, which means that the component directions as given in Volume I are the pendulum directions and hence the reverse of the ground acceleration directions. A few cases of incorrect component description, reflecting the previously mentioned ambiguities in "United States Earthquakes," (1954-1957, 1959), are corrected in errata sheets in later parts of Volume I. Unfortunately, the earlier parts of Volume I did not specifically define the meaning of the component directions, although, as just described, they do use the standard nomenclature of the Seismological Field Survey publications. From Volume I, Part M, onward, the prefaces to the various parts will include a specific statement on component directions.

In Volume II, "Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves", the question of signs is of course also of prime importance. On page 24 of Volume IIA, it was pointed out that since the true acceleration component directions were desired, the positive direction of the y-axis was for each component directed downwards on the paper. This has, of course, the effect of indicating the true acceleration directions while preserving the orientation of the plots and the nomenclature for the components. Comparing particular accelerograms, it will be noted that the signs associated with the values are opposite in Volume I, which gives directly pendulum motion, and in Volume II, which gives base acceleration motion. Since the particular numerical units used in the two volumes are different, the difference in the basic data presentation is further emphasized. In Volume II, Parts A and B, corrections have been given for the few previously mentioned ambiguities derived from the Seismological Field Survey publications.

In referring to the calculated frequency analysis data of Volumes III and IV, it should always be kept in mind that the calculations are concerned with absolute values of the response or with amplitudes of Fourier spectra, hence the particular component sense is immaterial.

The earthquake accelerograms in this volume correspond to those given in uncorrected form in Volume I, Part B, the preface of which should be referred to for additional details on the particular records involved.

The format of presentation of the results at the end of this second stage of data processing is the same as in Volume II, Part A. The plots of acceleration, velocity and displacement appear first, with details of the earthquake, the recording site and the peak values in the headings. The printout of the corrected accelerograms appears next, in units of mm/sec/sec, at equal time intervals of 0.02 seconds. Identification labels, instrument characteristics, peak values, and initial values are in the headings for each component.

The cooperative efforts of many people are of course essential in the preparation of a work of this kind, and we have been fortunate in the quality of staff that has carried out the various details with special care and attention. We should like to express our appreciation to Dr. A. Vijayaraghavan and Mr. J. Justiss for their assistance with many details of computer programming, to the staff of the Willis H. Booth Computing Center for their continued help with all aspects of the computing process, and to the staff of the Caltech Graphic Arts Facilities for very efficient work on publication details. The whole project has been made possible by the continued support of the National Science Foundation, supplemented in an important way by contributions from the

Earthquake Research Affiliates program of the California Institute of Technology.

M. D. Trifunac  
A. G. Brady  
D. E. Hudson  
Earthquake Engineering Research Laboratory  
California Institute of Technology

## INSTRUMENT CHARACTERISTICS

Record No.	Location Date & Time	Direction*	Instr. No.	Period, T (sec) °	Sens. * cm/g	Damp* ratio %	Damp* % crit.
IIB021	Vernon, Calif. 3-10-33, 1754PST	N08E S82E Up	L6Q T19Q V29Q	0.097 0.100 0.104	32.6 28.2 29.2	crit. 10 15	100 59.2 65.0
IIB022	Hollywood Storage Bldg. Penthouse 10-2-33, 0110PST	South West Up	L3P T18P V25P	0.099 0.100 0.099	24.9 26.7 25.9	4.2 5.0 4.6	41.6 45.6 43.7
IIB023	Hollywood Storage Bldg. Basement 10-2-33, 0110PST	South East Up	T26P L9P V28P	0.099 0.098 0.100	25.0 25.7 27.0	5.0 26 47	45.6 72.0 77.5
IIB024	El Centro, Calif. 12-30-34, 0552PST	North East Up	L68 T69 V67	0.098 0.100 0.100	26.3 26.1 25.6	12 10 10	62.1 59.2 59.2
IIB025	Helena, Montana 10-31-35, 1138MST	North East Up	L35 T31 V14	0.098 0.101 0.098	25.7 27.0 25.2	13 10 10	63.2 59.2 59.2
IIB026	Ferndale, Calif. 9-11-38, 2210PST	S45W N45W Up	L4 T15 V10	0.099 0.099 0.097	27.0 27.1 23.8	7 10 10	52.8 59.2 59.2
IIB027	Ferndale, Calif. 2-9-41, 0145PST	S45W N45W Up	L4 T15 V10	0.096 0.099 0.097	25.9 26.3 23.7	10 11.5 12.5	59.2 61.3 62.6

\* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (continued)

Record No.	Location Date & Time	Direction*	Instr. No.	Period, T <sub>o</sub> (sec)	Sens.* cm/g	Damp* ratio %	Damp* % crit.
IIB028	Seattle, Wash. 4-13-49, 1156PST	S02W N88W Up	L305 T306 V304	0.081 0.082 0.080	18.5 18.8 18.3	9 8 7	57.4 55.2 52.8
IIB029	Olympia, Wash. 4-13-49, 1156PST	S04E S86W Up	L308 T309 V307	0.077 0.080 0.079	18.3 18.7 17.9	9 9 10	57.4 57.4 59.2
IIB030	Ferndale, Calif. 9-22-52, 0441PDT	S44W N46W Up	L248 T249 V247	0.066 0.064 0.066	14.0 12.2 13.0	10 11 14	59.2 60.7 64.3
IIB031	Taft, Calif. 1-12-54, 1534PST	N21E S69E Up	L299 T300 V298	0.080 0.081 0.080	19.6 19.6 17.6	10 12 12	59.2 62.1 62.1
IIB032	Olympia, Wash. 4-29-65, 1728PST	S04E S86W Up	275 309 307	0.081 0.080 0.080	21.5 19.3 18.8	8 10 9	55.2 59.2 57.4
IIB033	Cholame-Shandon, Calif., No. 2 6-27-66, 2026PST	N65E N25W Down	210 211 254	0.064 - 0.056	7.91 - 7.07	9 - 7.5	57.4 - 54.0
IIB034	Cholame-Shandon, Calif., No. 5 6-27-66, 2026PST	N05W N85E Down	164 258 156	0.051 0.053 0.054	7.68 7.61 8.07	3.5 10.5 6.5	37.0 59.9 51.2

\* See footnotes at end of table.



# INSTRUMENT CHARACTERISTICS (continued)

Record No.	Location Date & Time	Direction*	Instr. No.	Period T <sub>o</sub> (sec)	Sens.* cm/g	Damp* ratio ε	Damp* % crit.
IIB035	Cholame-Shandon, Calif., No. 8 6-27-66, 2026PST	N50E N40W Down	313 368 396	.051 .051 .052	7.64 7.54 7.2	10.5 8 10.5	59.9 55.2 59.9
IIB036	Cholame-Shandon, Calif., No. 12 6-27-66, 2026PST	N50E N40W Down	241 237 140	.058 .056 .057	8.0 7.7 7.59	10 8.5 9	59.2 56.3 57.4
IIB037	Temblor, Calif. 6-27-66, 2026PST	N65W S25W Down	201 200 214	.060 .058 .060	7.64 7.81 7.57	7 9 9.5	52.8 57.4 58.3
IIB038	San Luis Obispo Calif. 6-27-66, 2026PST	N36W S54W Up	297 296 295	.080 .079 .080	18.7 19.1 18.7	9.5 9 9.5	58.3 57.4 58.3
IIB039	Eureka, Calif. 12-10-67, 0406PST	S11E N79E Down	252 251 250	.067 .066 .066	13.4 13.2 11.1	10 10 3	59.2 59.2 33.0
IIB040	San Onofre, Calif. South. Cal. Edison 4-8-68, 1830PST	N33E N57W Down	329 392 304	.053 .052 .052	7.98 7.62 7.58	10 11.5 10	59.2 61.3 59.2

\*Static magnification,  $V_s = \omega_n^2 \cdot \text{sensitivity} = \left( \frac{2\pi}{T_o(\text{sec})} \right)^2 \cdot \frac{\text{sensitivity (cm/g)}}{980 \text{ cm/sec}^2}$

Damping ratio,  $\zeta = \exp[\pi n / \sqrt{(1-n^2)}]$  where n is the fraction of critical damping.

Some directions have been revised from the corresponding entry in Volume I, Part A; the direction is that of pendulum motion for trace "up", as described in the Preface.

# EARTHQUAKE DATA

<u>Date &amp; Time</u>	<u>Location</u>	<u>Epicenter</u>	<u>Max. Intensity</u>	<u>Mag.</u>	<u>References (See Following Pages)</u>
Mar. 10, 1933, 1754 PST	Long Beach	33°35'N, 117°59'W	IX	6.3	11, 12, 18
Oct. 2, 1933, 0110 PST	Southern Calif.	33°47'N, 118°08'W	VI	5.4	19
Dec. 30, 1934, 0552 PST	Lower Calif.	32°12'N, 115°30'W	IX	6.5	18
Oct. 31, 1935, 1138 MST	Helena, Mont.	46°37'N, 111°58'W	VIII	6	13, 14, 15, 18
Sep. 11, 1938, 2210 PST	NW Calif.	40°18'N, 124°48'W	VI	5.5	
Feb. 9, 1941, 0145 PST	NW Calif.	40°54'N, 125°24'W	VI	6.6	
Apr. 13, 1949, 1156 PST	Western Wash.	47°06'N, 122°42'W	VIII	7.1	16, 17, 18
Sep. 22, 1952, 0441 PDT	Northern Calif.	40°12'N, 124°25'W	VII	5.5	
Jan. 12, 1954, 1534 PST	Wheeler Ridge, Calif.	35°00'N, 119°01'W	VIII	5.9	
Apr. 29, 1965, 0728 PST	Puget Sound, Wash.	47°24'N, 122°18'W	VII	6.5	1
June 27, 1966, 2026 PST	Parkfield, Calif.	35°54'N, 120°54'W	VII	5.6	6, 7, 8, 9, 10
Dec. 10, 1967, 0406 PST	Northern Calif.	40°30'N, 124°36'W	VI	5.8	
Apr. 8, 1968, 1830 PST	Borrego Mtn.	33°09'N, 116°08'W	VII	6.5	2, 3, 4, 5

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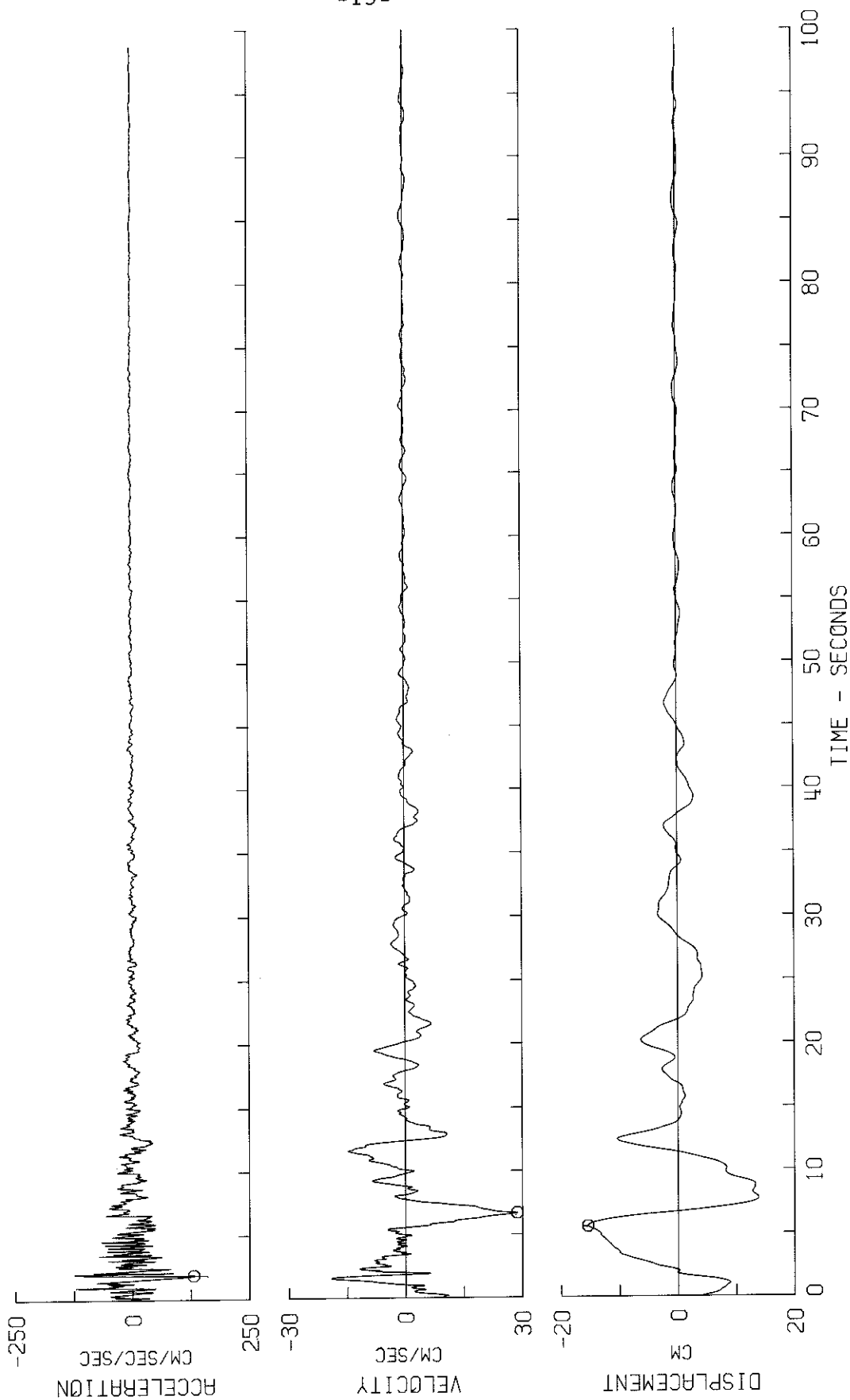
INDEX OF EARTHQUAKE RECORDS IN  
VOLUME II, PART B

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<u>Record</u>	<u>Plot</u>	<u>Print-Out</u>
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LONG BEACH EARTHQUAKE MAR 10, 1933 - 1754 PST  
 IIB021 33.001.0 VERNON CMD BLDG COMP N08E

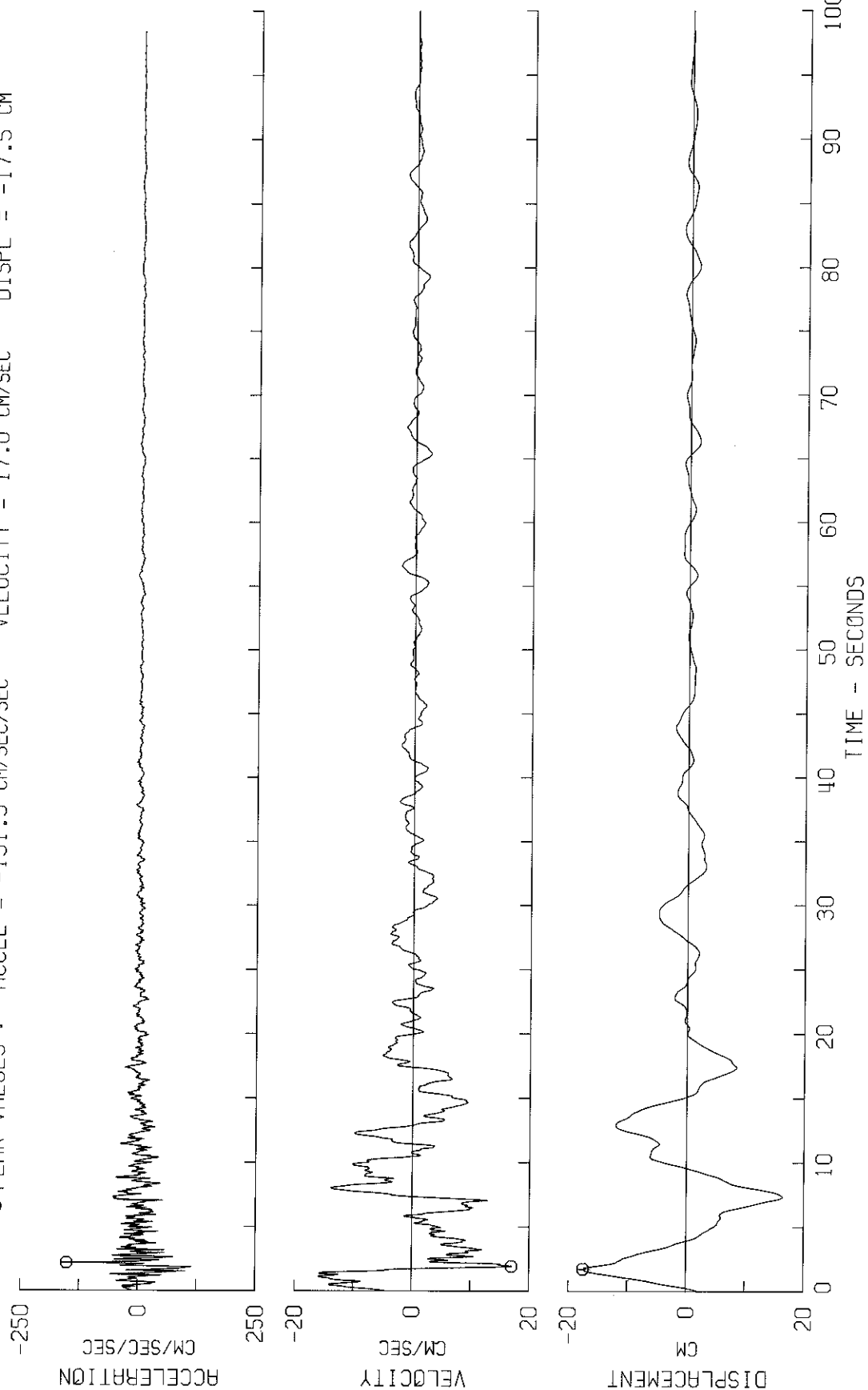
⊙ PEAK VALUES : ACCEL = 130.6 CM/SEC/SEC VELOCITY = 28.7 CM/SEC DISPL = -15.5 CM



LONG BEACH EARTHQUAKE MAR 10, 1933 - 1754 PST

II021 33.001.0 VERNON CMD BLDG COMP S82E

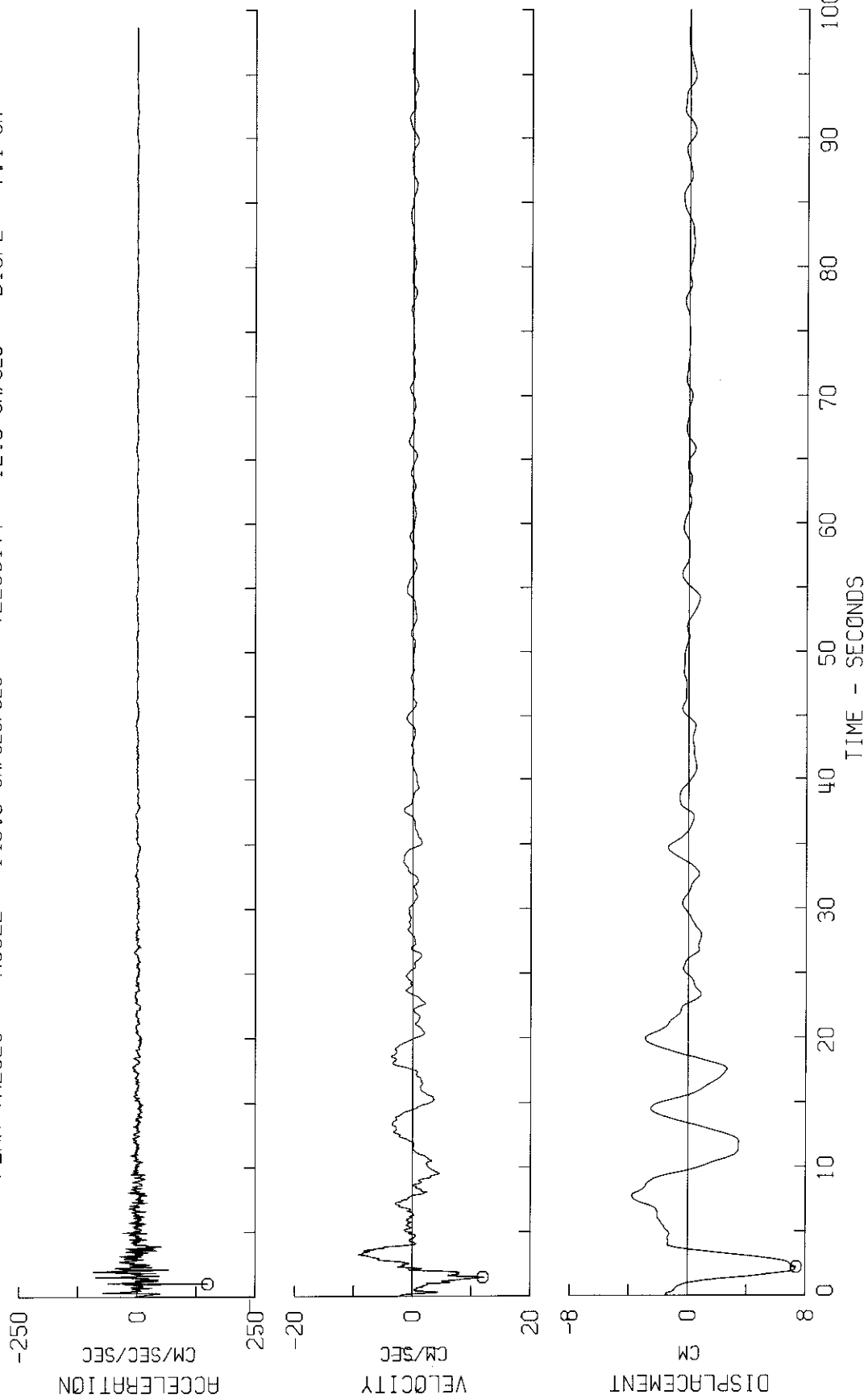
⊙ PEAK VALUES : ACCEL = -151.5 CM/SEC/SEC VELOCITY = 17.0 CM/SEC DISPL = -17.5 CM





LONG BEACH EARTHQUAKE MAR 10, 1933 - 1754 PST  
11B021 33.001.0 VERNON CMD BLDG COMP Up

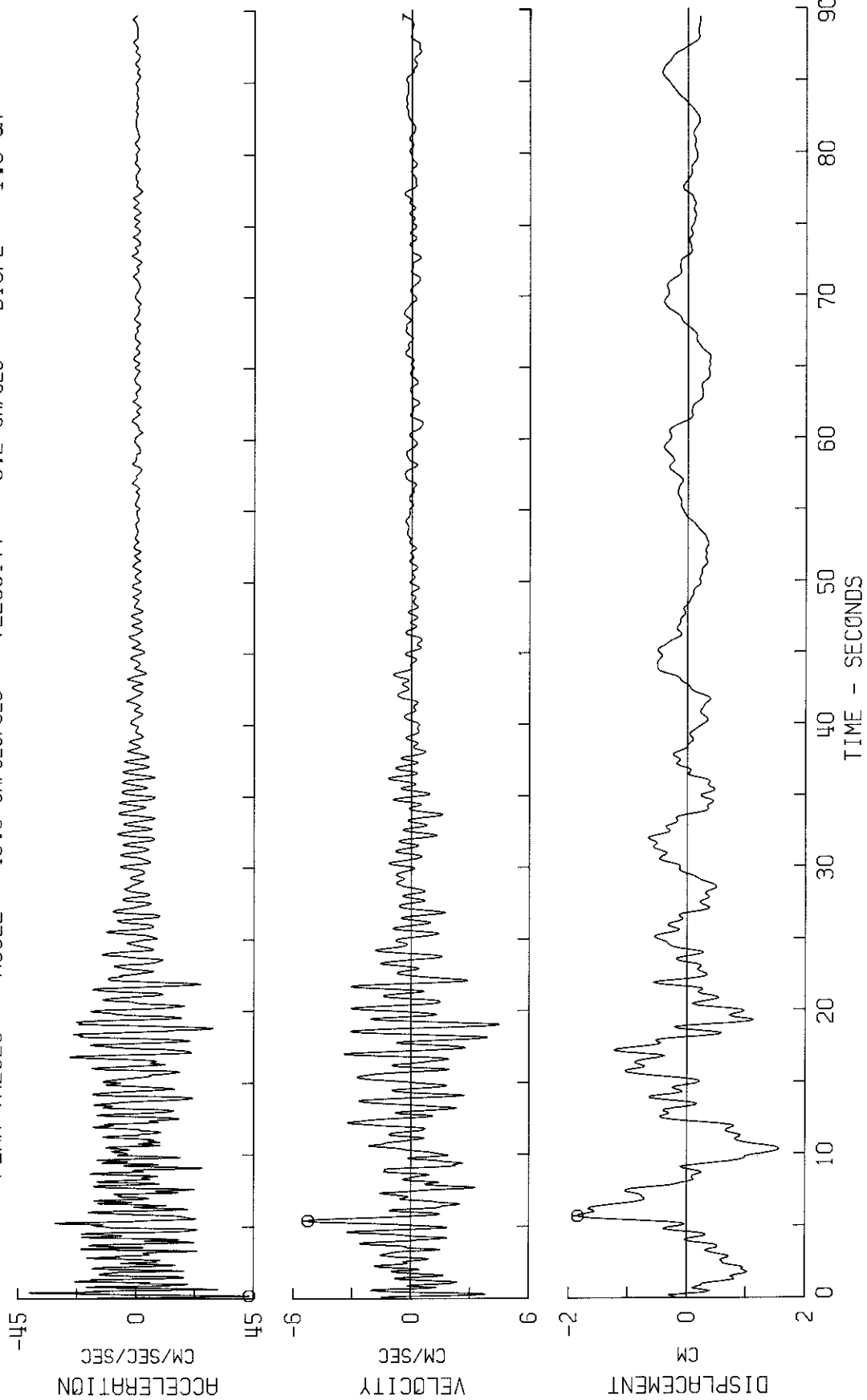
PEAK VALUES : ACCEL = 149.5 CM/SEC/SEC VELOCITY = 12.0 CM/SEC DISPL = 7.4 CM



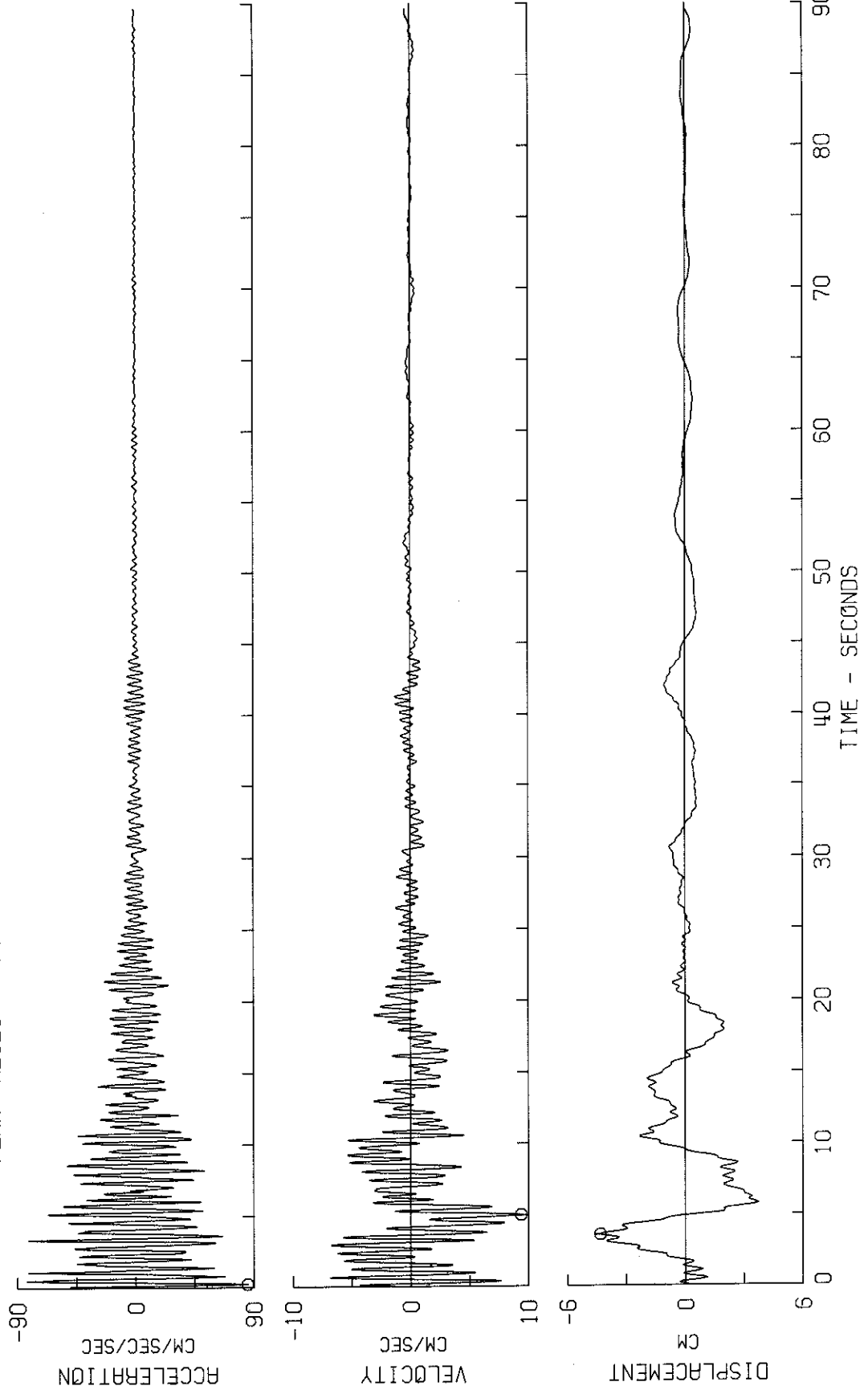
# SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST

11B022 33.006.0 HOLLYWOOD STORAGE BLDG PENTHOUSE COMP S00E

PEAK VALUES : ACCEL = 43.3 CM/SEC/SEC VELOCITY = -5.2 CM/SEC DISPL = -1.8 CM



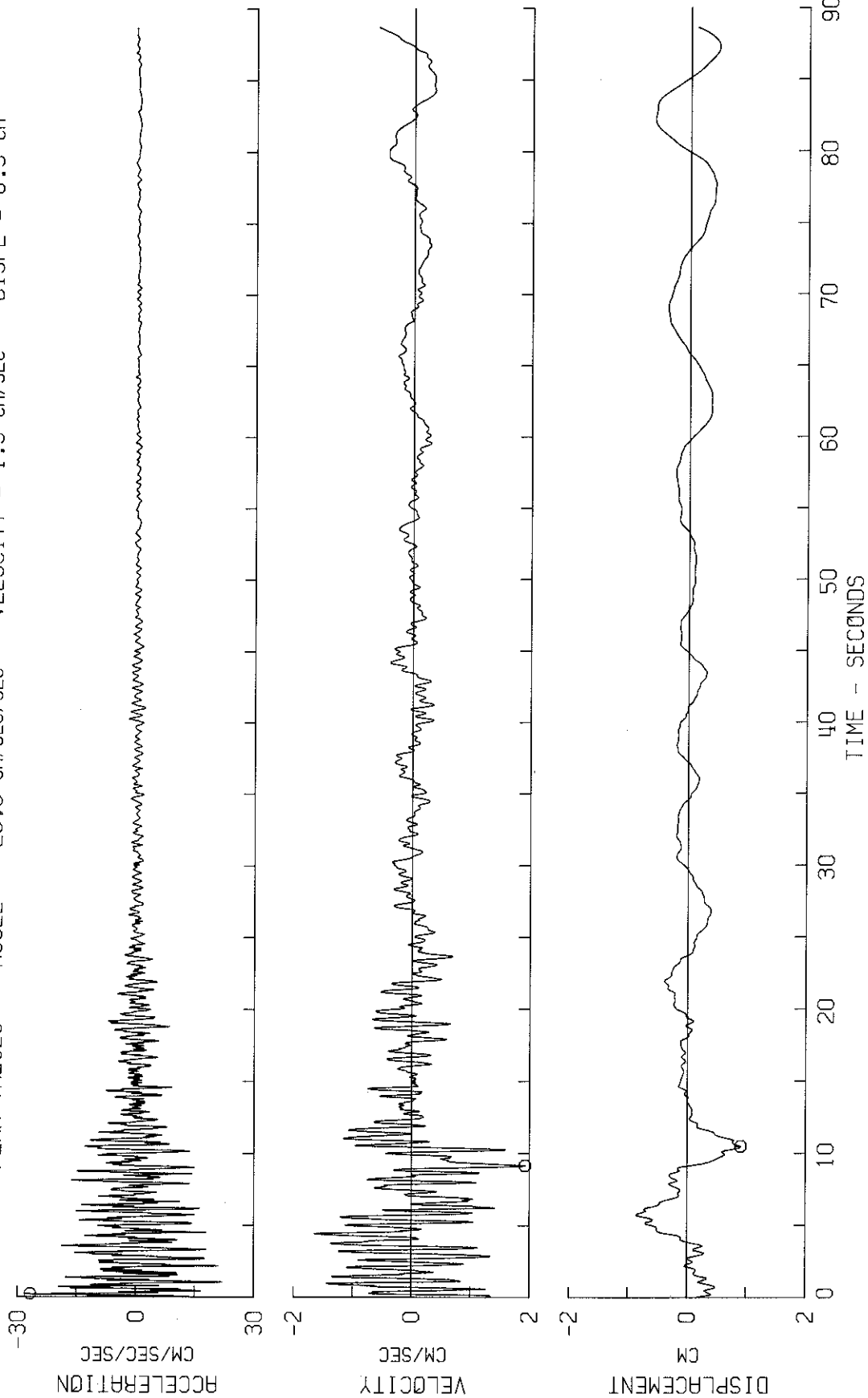
SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST  
 IIB022 33.006.0 HOLLYWOOD STORAGE BLDG PENTHOUSE COMP S90W  
 @ PEAK VALUES : ACCEL = 85.4 CM/SEC/SEC VELOCITY = 9.4 CM/SEC DISPL = -4.3 CM



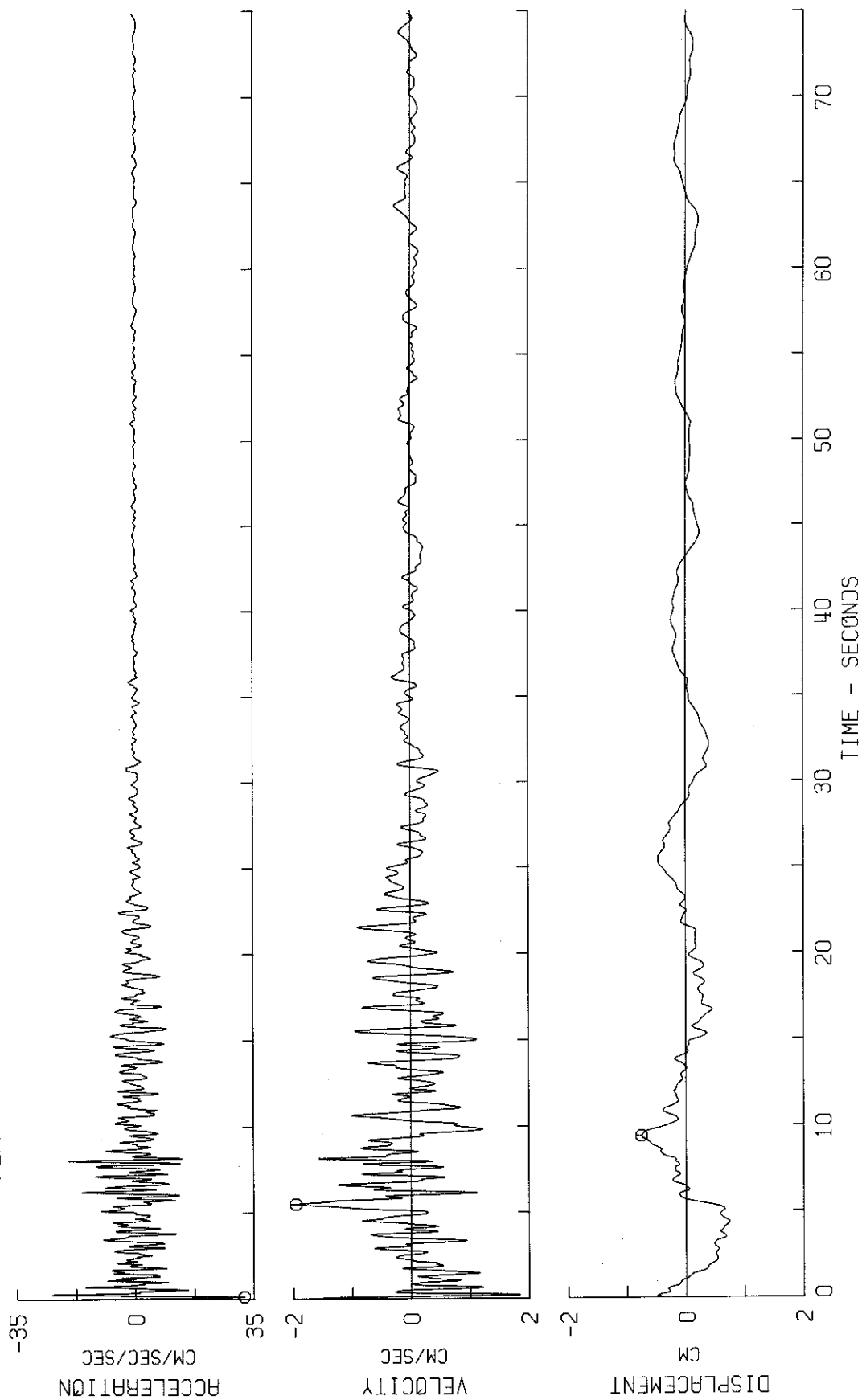
SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST

11B022 33.006.0 HOLLYWOOD STORAGE BLDG PENTHOUSE COMP Up

○ PEAK VALUES : ACCEL = -26.8 CM/SEC/SEC VELOCITY = 1.9 CM/SEC DISPL = 0.9 CM



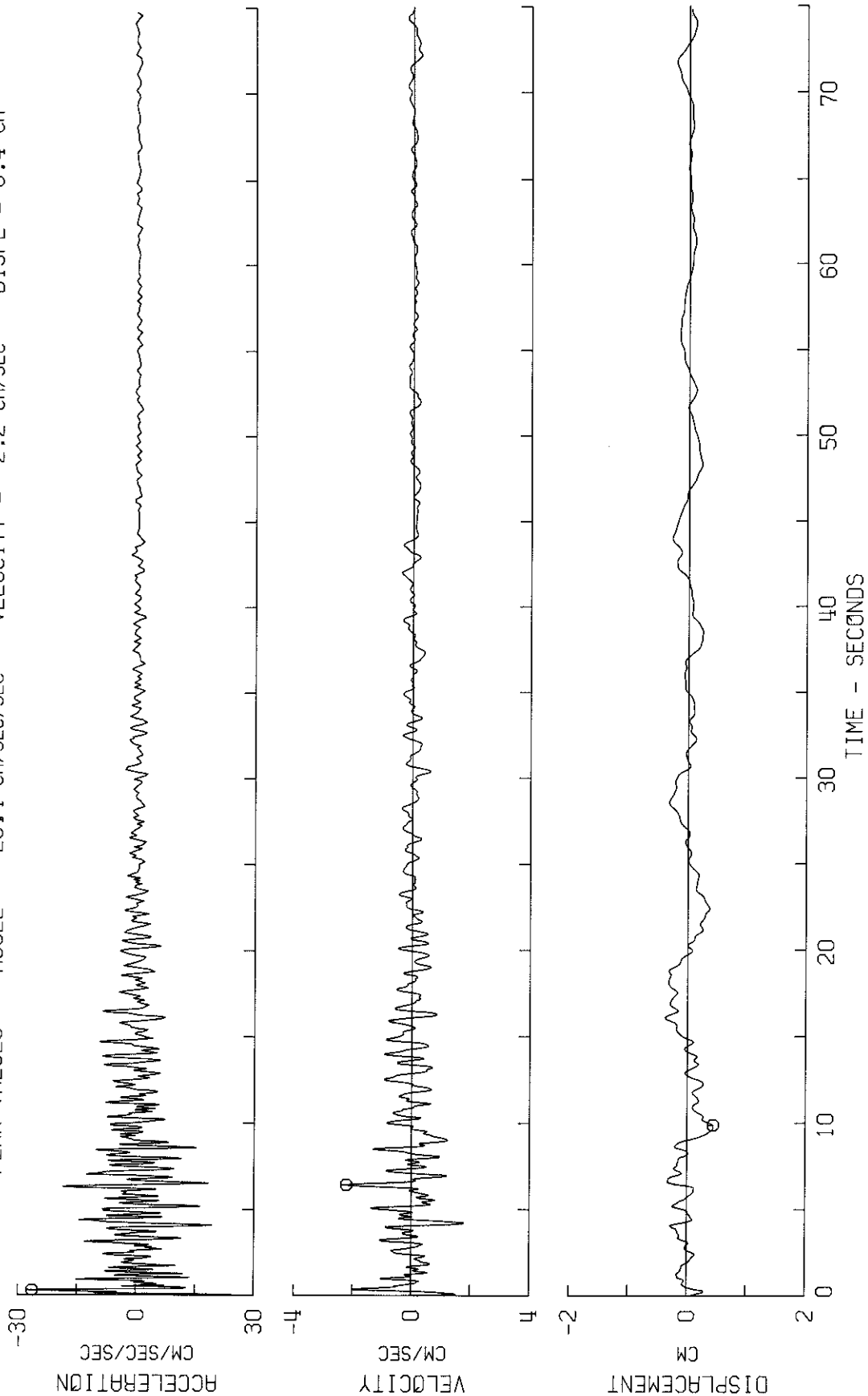
SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST  
 IIB023 33.007.0 HOLLYWOOD STORAGE BLDG BASEMENT COMP S00E  
 ○ PEAK VALUES : ACCEL = 32.1 CM/SEC/SEC VELOCITY = -2.0 CM/SEC DISPL = -0.8 CM



# SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST

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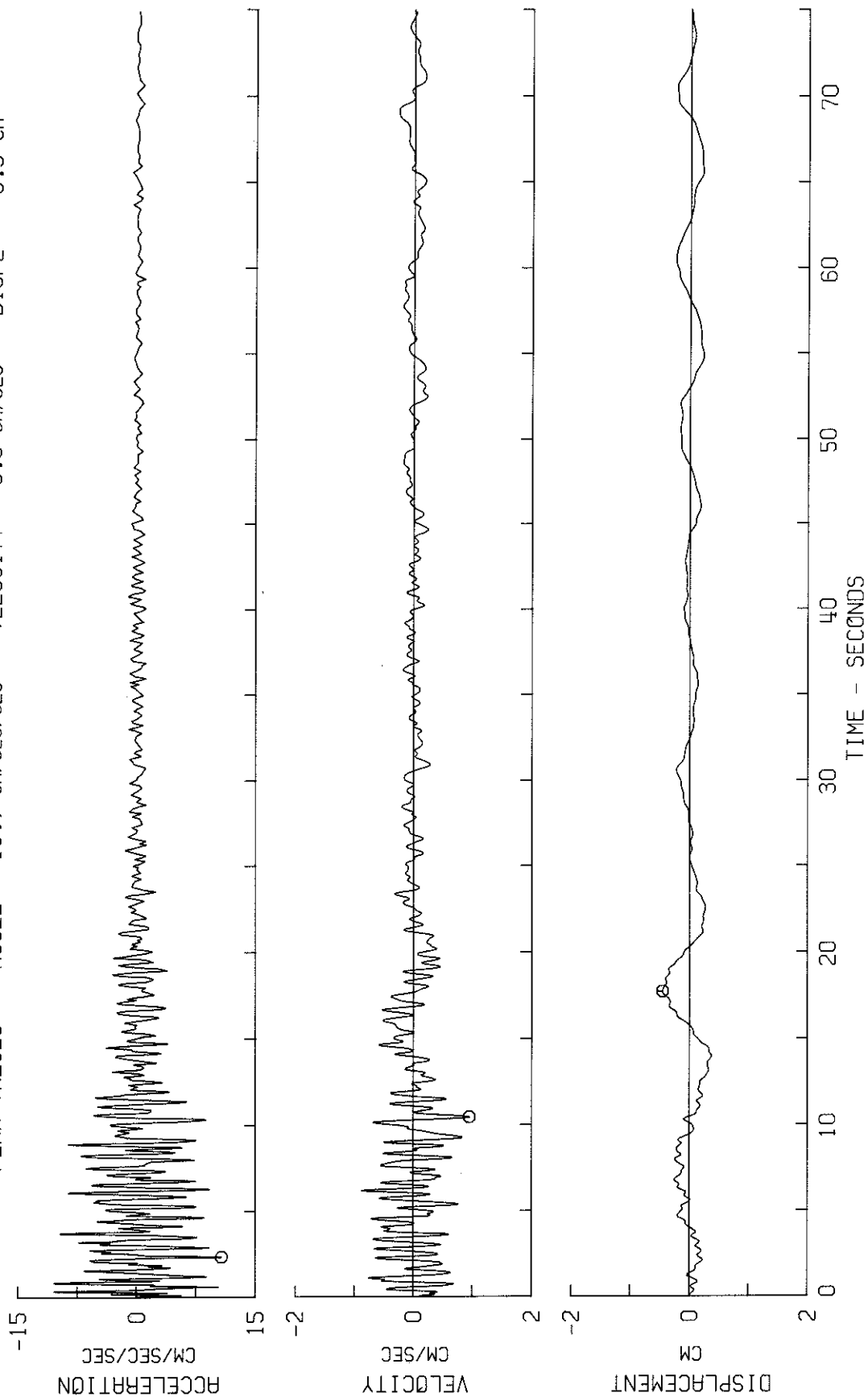
PEAK VALUES : ACCEL = -26.4 CM/SEC/SEC VELOCITY = -2.2 CM/SEC DISPL = 0.4 CM



# SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST

11B023 33.007.0 HOLLYWOOD STORAGE BLDG BASEMENT COMP Up

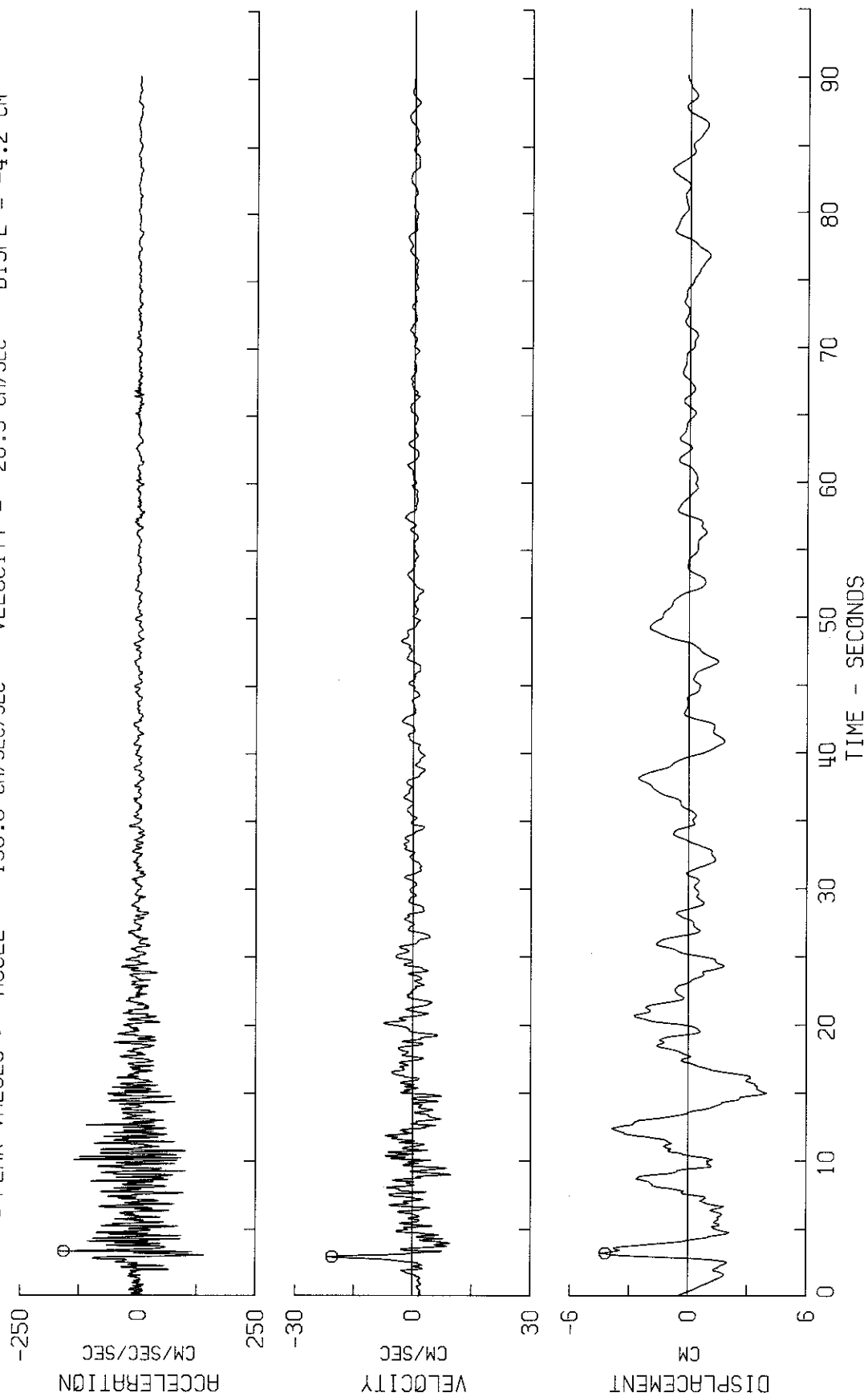
⊙ PEAK VALUES : ACCEL = 10.7 CM/SEC/SEC VELOCITY = 0.9 CM/SEC DISPL = -0.5 CM



# LOWER CALIFORNIA EARTHQUAKE DEC 30, 1934 - 0552 PST

II8024 34.002.0 EL CENTRO IMPERIAL VALLEY COMP N00E

⊙ PEAK VALUES : ACCEL = -156.8 CM/SEC/SEC VELOCITY = -20.5 CM/SEC DISPL = -4.2 CM

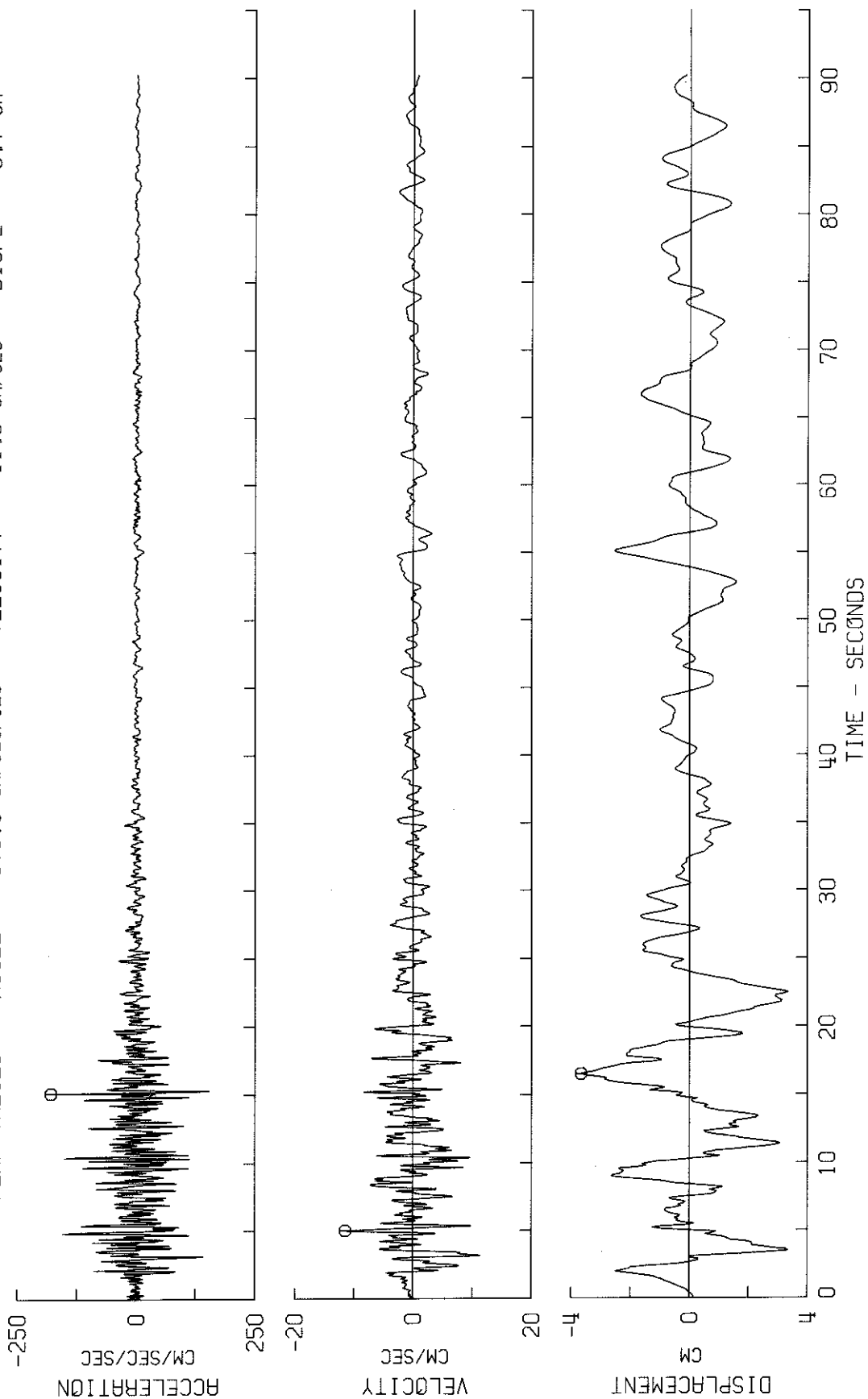




# LOWER CALIFORNIA EARTHQUAKE DEC 30, 1934 - 0552 PST

11B024 34.002.0 EL CENTRO IMPERIAL VALLEY COMP N90E

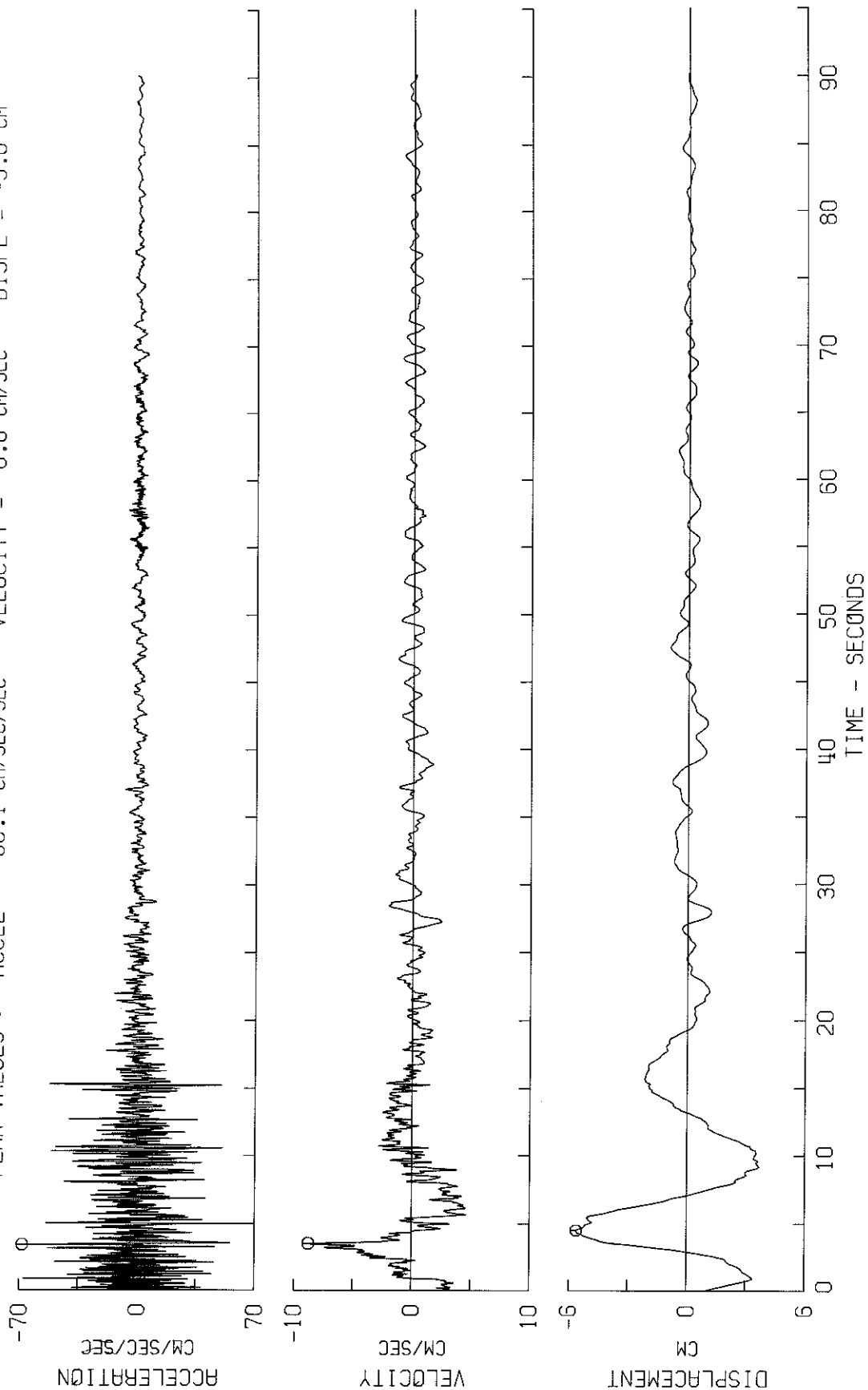
PEAK VALUES: ACCEL = -179.1 CM/SEC/SEC VELOCITY = -11.5 CM/SEC DISPL = -3.7 CM



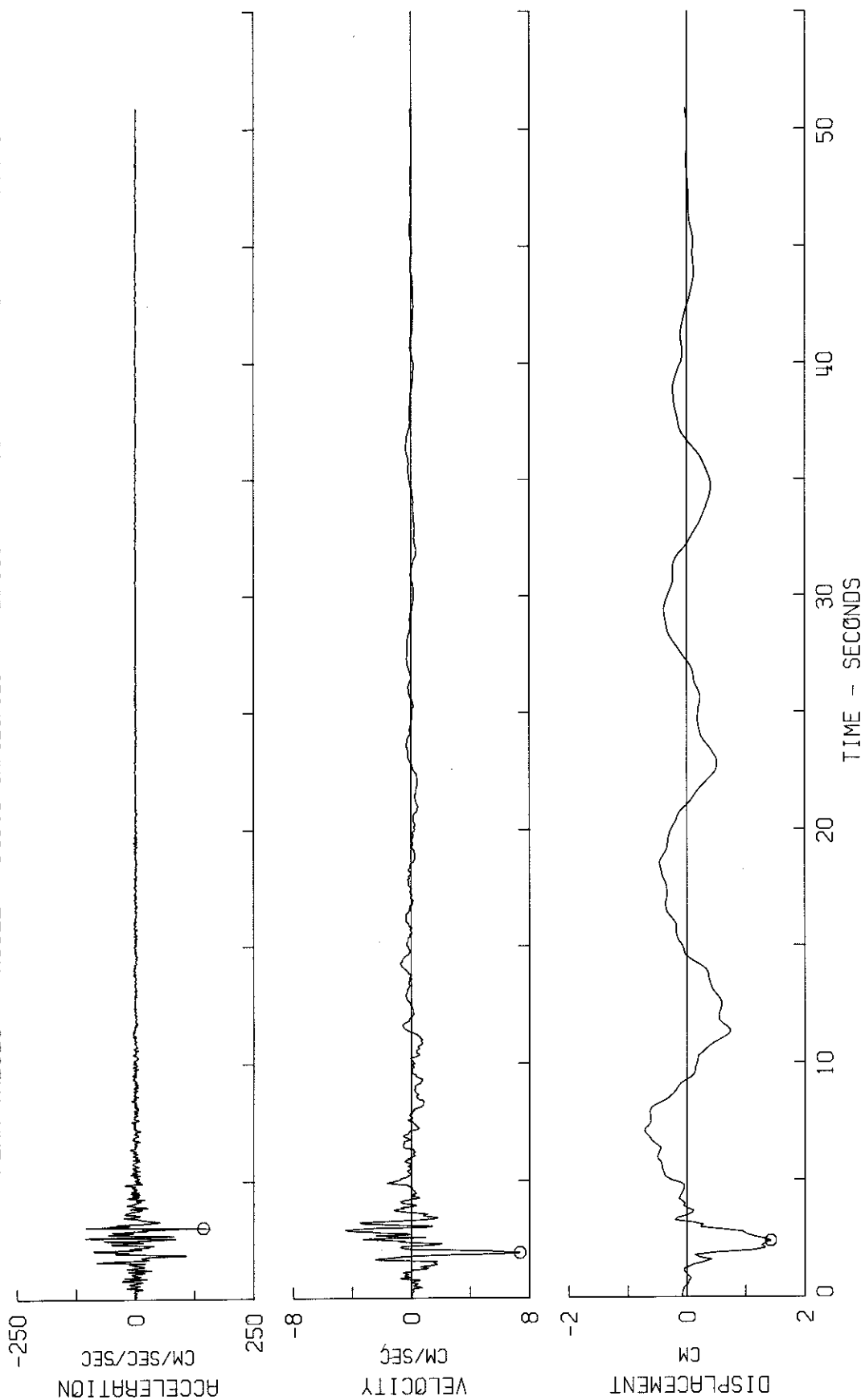
# LOWER CALIFORNIA EARTHQUAKE DEC 30, 1934 - 0552 PST

118024 34.002.0 EL CENTRO IMPERIAL VALLEY COMP Up

PEAK VALUES : ACCEL = -68.1 CM/SEC/SEC VELOCITY = -8.8 CM/SEC DISPL = -5.6 CM



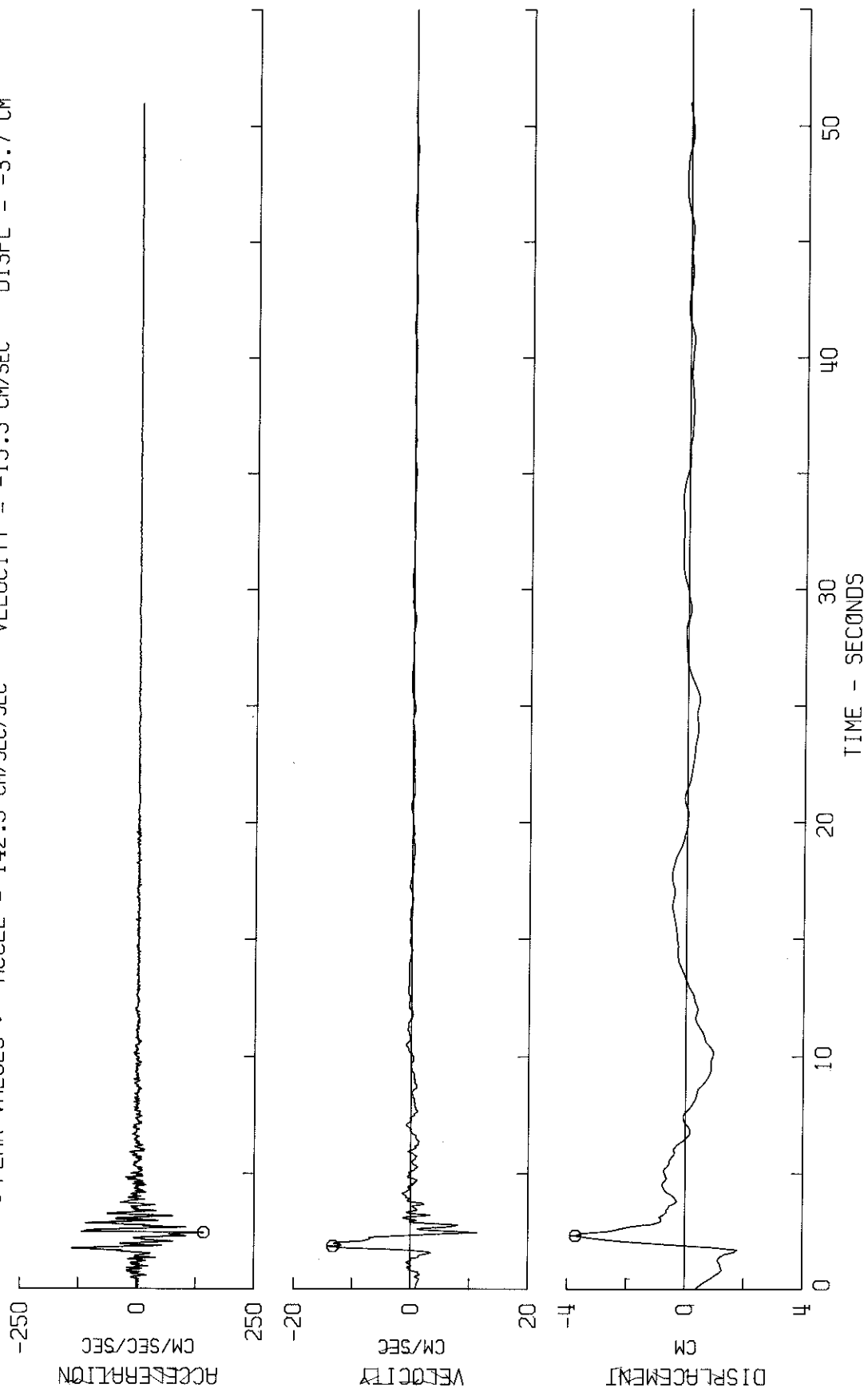
HELENA, MONTANA EARTHQUAKE OCT 31, 1935 - 1138 MST  
 11B025 35.001.0 HELENA, MONTANA CARROLL COLLEGE COMP N00E  
 ○ PEAK VALUES : ACCEL = 143.5 CM/SEC/SEC VELOCITY = 7.3 CM/SEC DISPL = 1.4 CM



HELENA, MONTANA EARTHQUAKE OCT 31, 1935 - 1138 MST

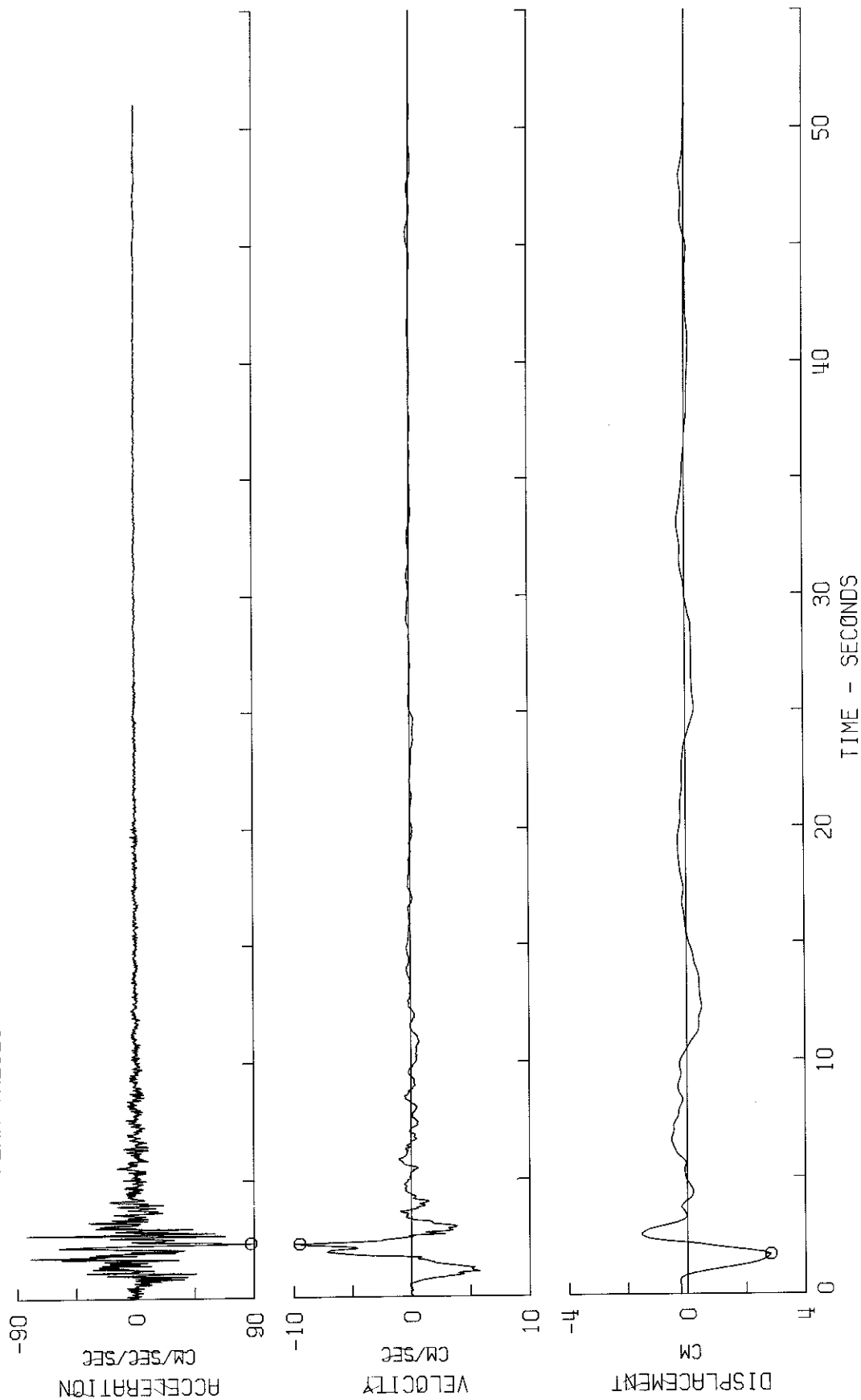
11B025 35.001.0 HELENA, MONTANA CARROLL COLLEGE COMP N90E

○ PEAK VALUES : ACCEL = 142.5 CM/SEC/SEC VELOCITY = -13.3 CM/SEC DISPL = -3.7 CM



HELENA, MONTANA EARTHQUAKE OCT 31, 1935 - 1138 MST  
 IIB025 35.001.0 HELENA, MONTANA CARROLL COLLEGE COMP UP

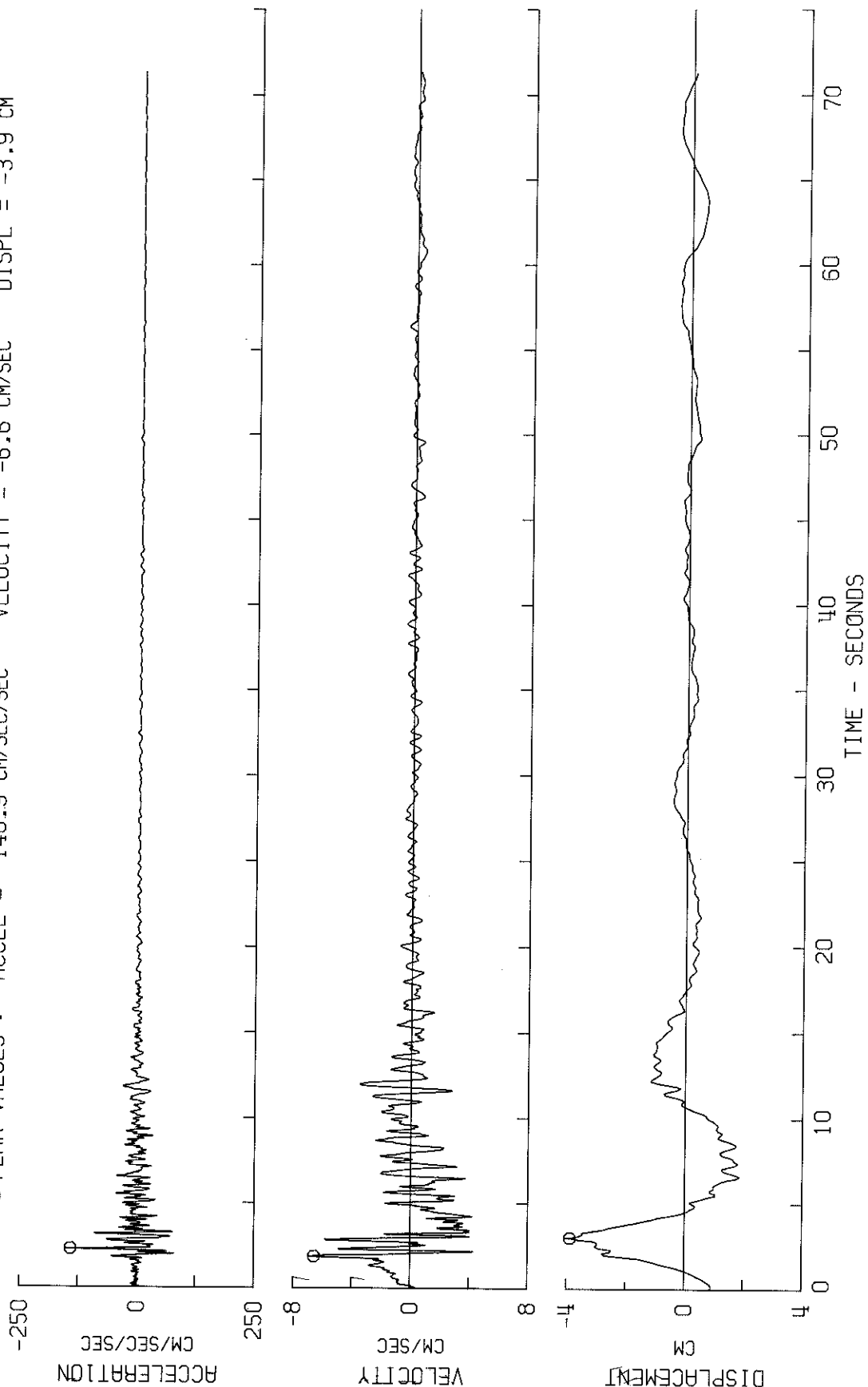
○ PEAK VALUES : ACCEL = 87.5 CM/SEC/SEC VELOCITY = -9.5 CM/SEC DISPL = 2.8 CM



# 1ST NORTHWEST CALIFORNIA EARTHQUAKE SEPT 11, 1938 - 2210 PST

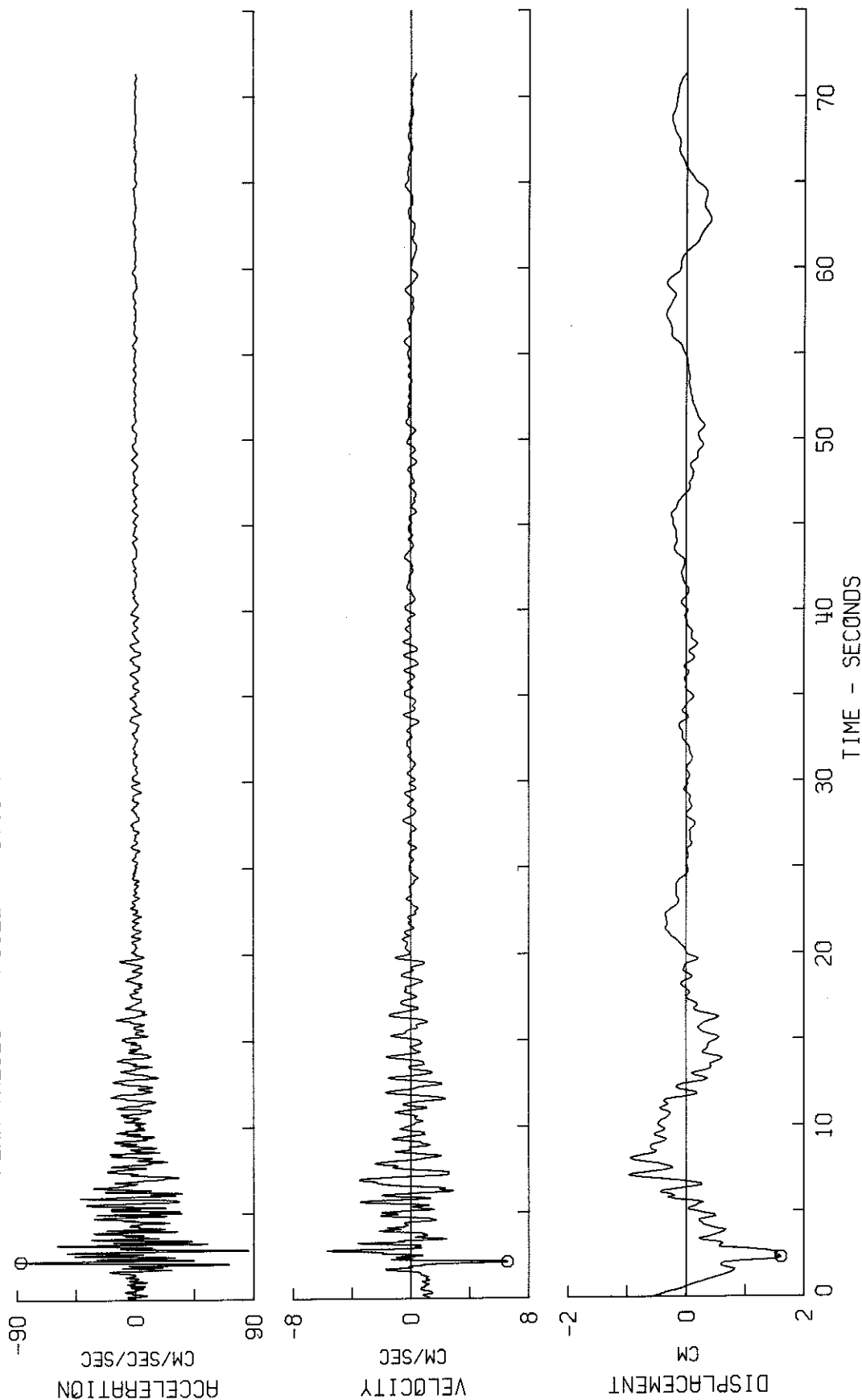
IIB026 38.002.0 FERNDALE CITY HALL COMP S45W

○ PEAK VALUES : ACCEL = -140.9 CM/SEC/SEC VELOCITY = -6.6 CM/SEC DISPL = -3.9 CM



1ST NORTHWEST CALIFORNIA EARTHQUAKE SEPT 11, 1938 - 2210 PST  
 IIB026 38.002.0 FERNDALE CITY HALL COMP N45W

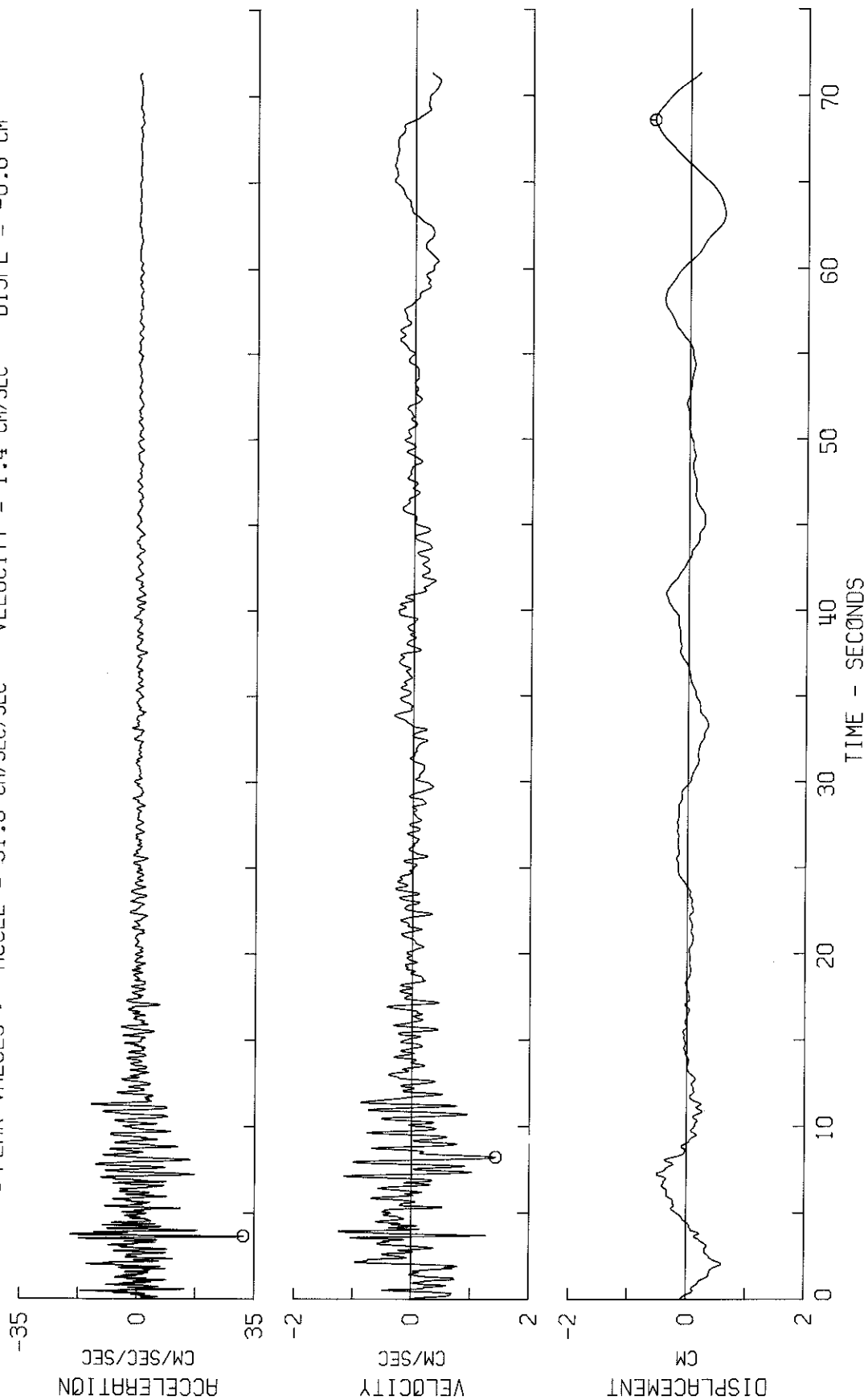
○ PEAK VALUES : ACCEL = -87.1 CM/SEC/SEC VELOCITY = 6.6 CM/SEC DISPL = 1.6 CM



# 1ST NORTHWEST CALIFORNIA EARTHQUAKE SEPT 11, 1938 - 2210 PST

118026 38.002.0 FERNDALE CITY HALL COMP Up

⊙ PEAK VALUES : ACCEL = 31.6 CM/SEC/SEC VELOCITY = 1.4 CM/SEC DISPL = -0.6 CM

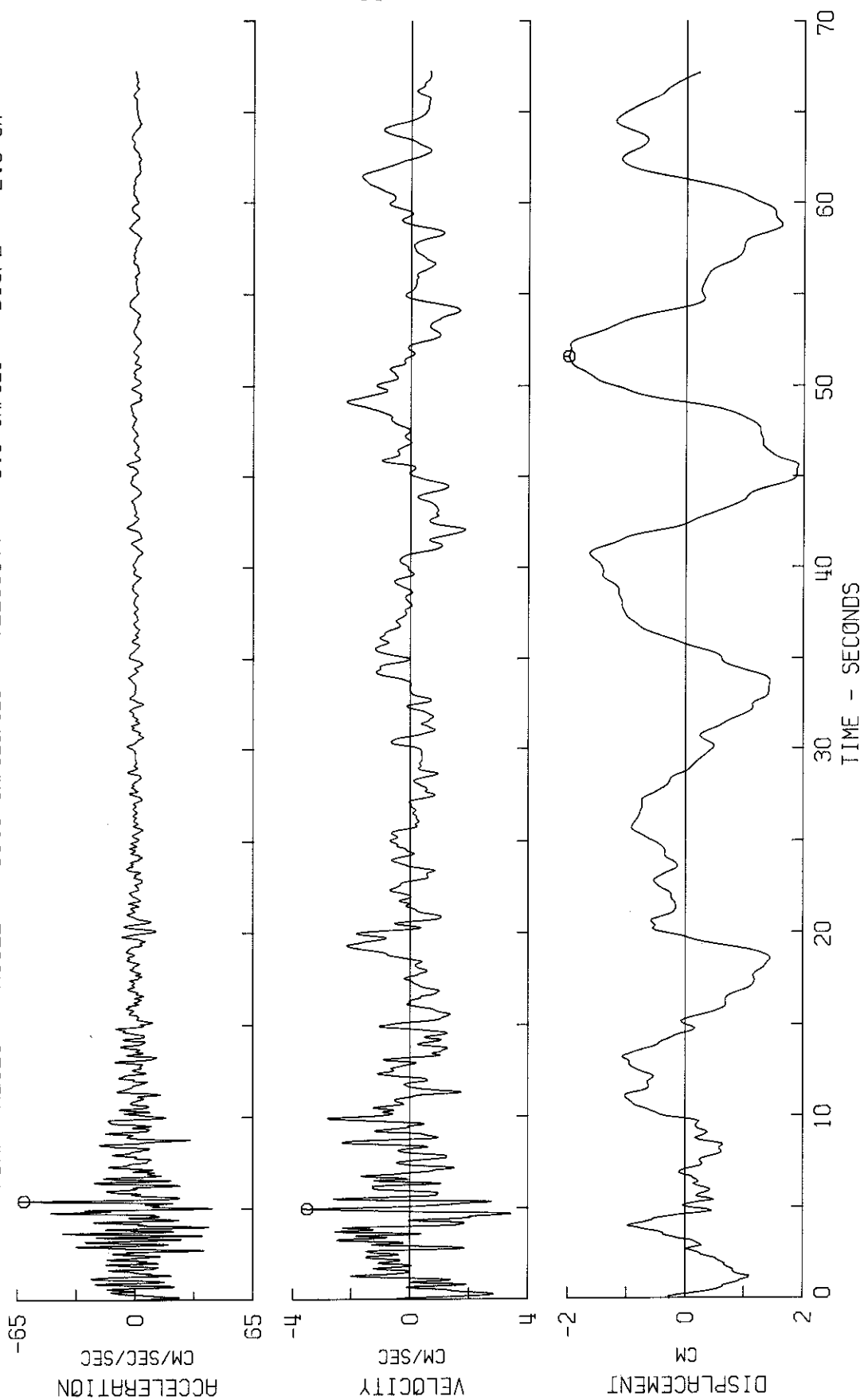




# 2ND NORTHWEST CALIFORNIA EARTHQUAKE FEB 9, 1941 - 0145 PST

IIB027 41.001.0 FERNDALE CITY HALL COMP S45W

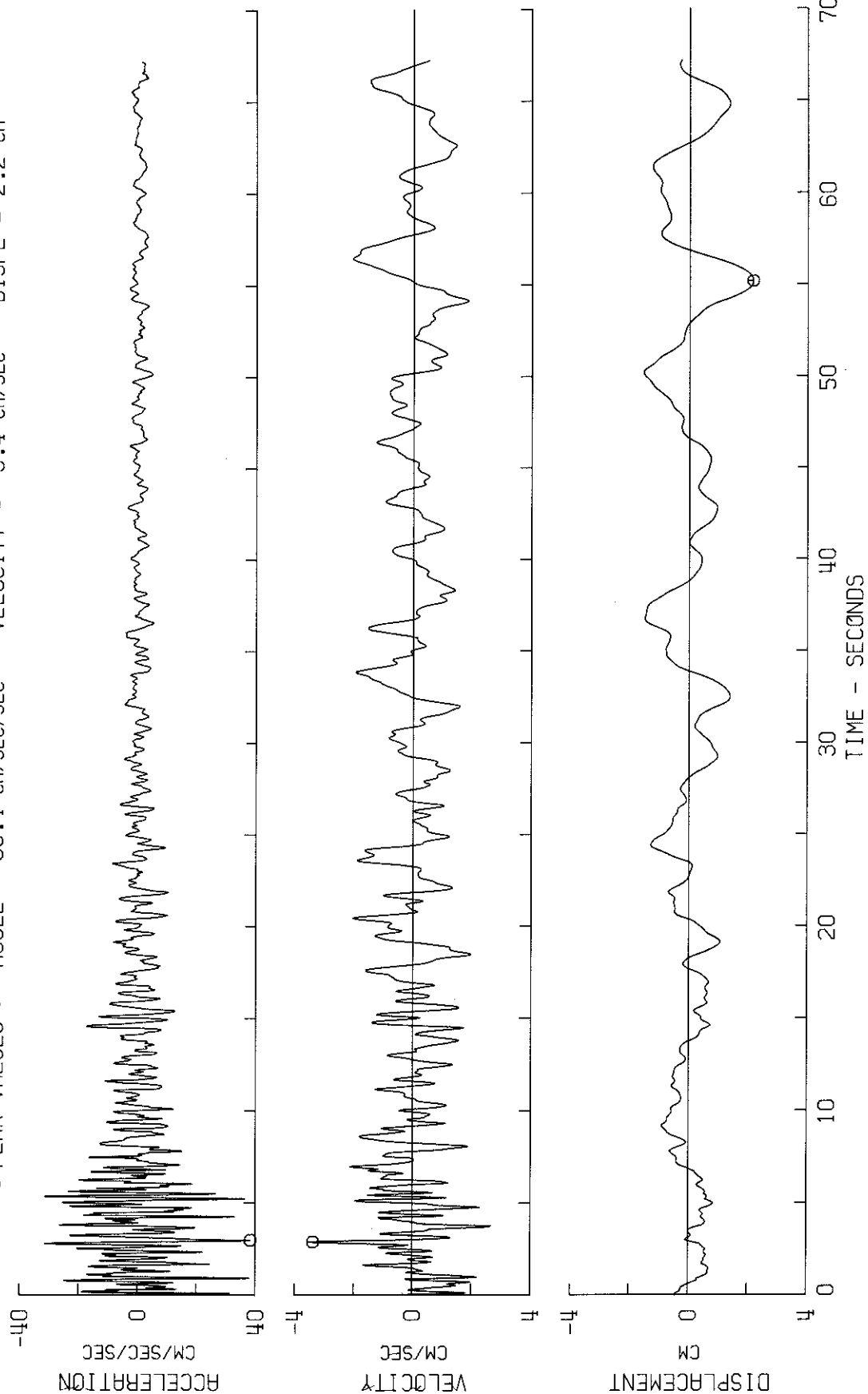
PEAK VALUES : ACCEL = -61.3 CM/SEC/SEC VELOCITY = -3.5 CM/SEC DISPL = -2.0 CM



# 2ND NORTHWEST CALIFORNIA EARTHQUAKE FEB 9, 1941 - 0145 PST

11B027 41.001.0 FERNDALE CITY HALL COMP N45W

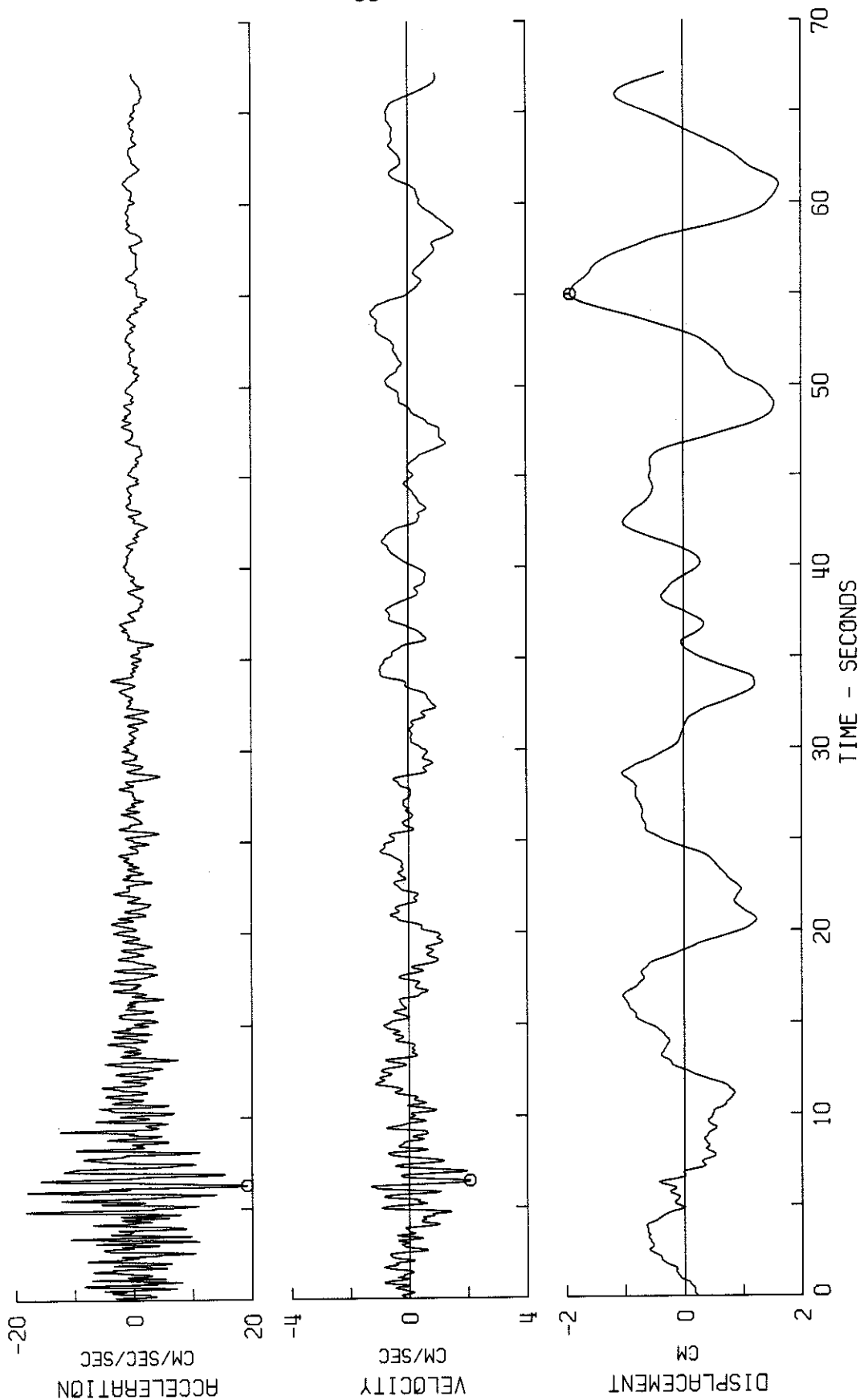
PEAK VALUES : ACCEL = 38.4 CM/SEC/SEC VELOCITY = -3.4 CM/SEC DISPL = 2.2 CM



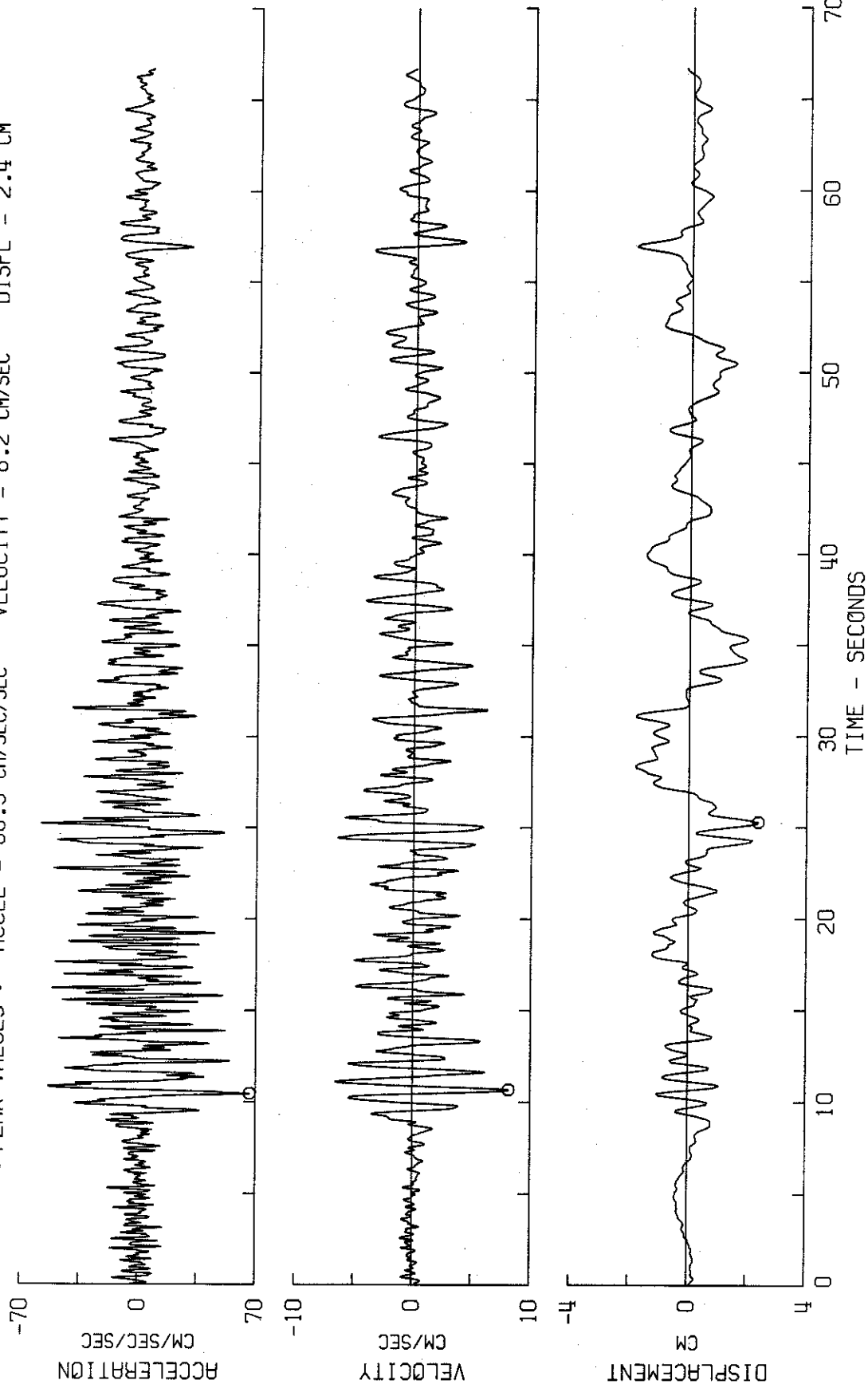
# 2ND NORTHWEST CALIFORNIA EARTHQUAKE FEB 9, 1941 - 0145 PST

118027 41.001.0 FERNDALE CITY HALL COMP UP

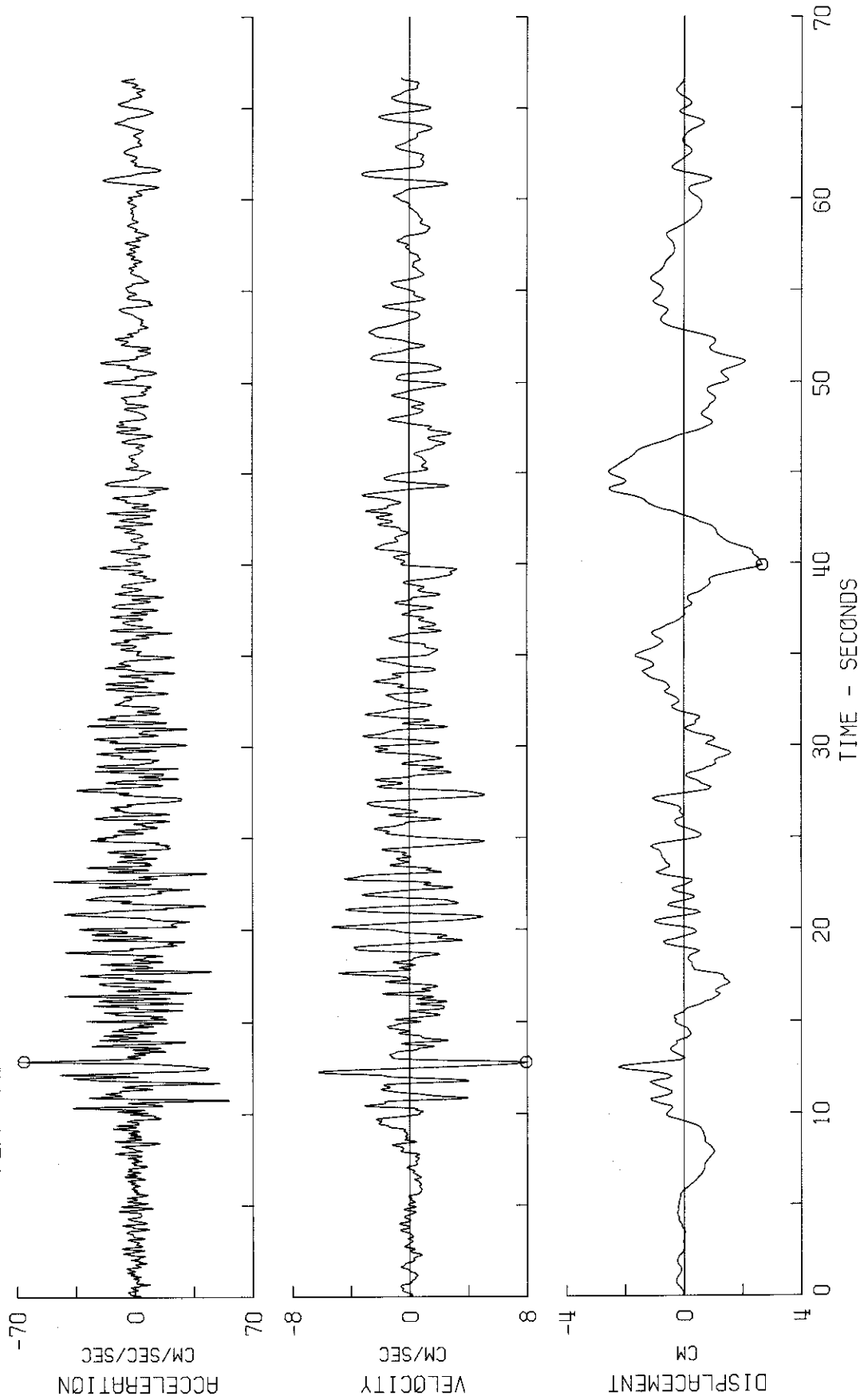
PEAK VALUES : ACCEL = 19.2 CM/SEC/SEC VELOCITY = 2.1 CM/SEC DISPL = -1.9 CM



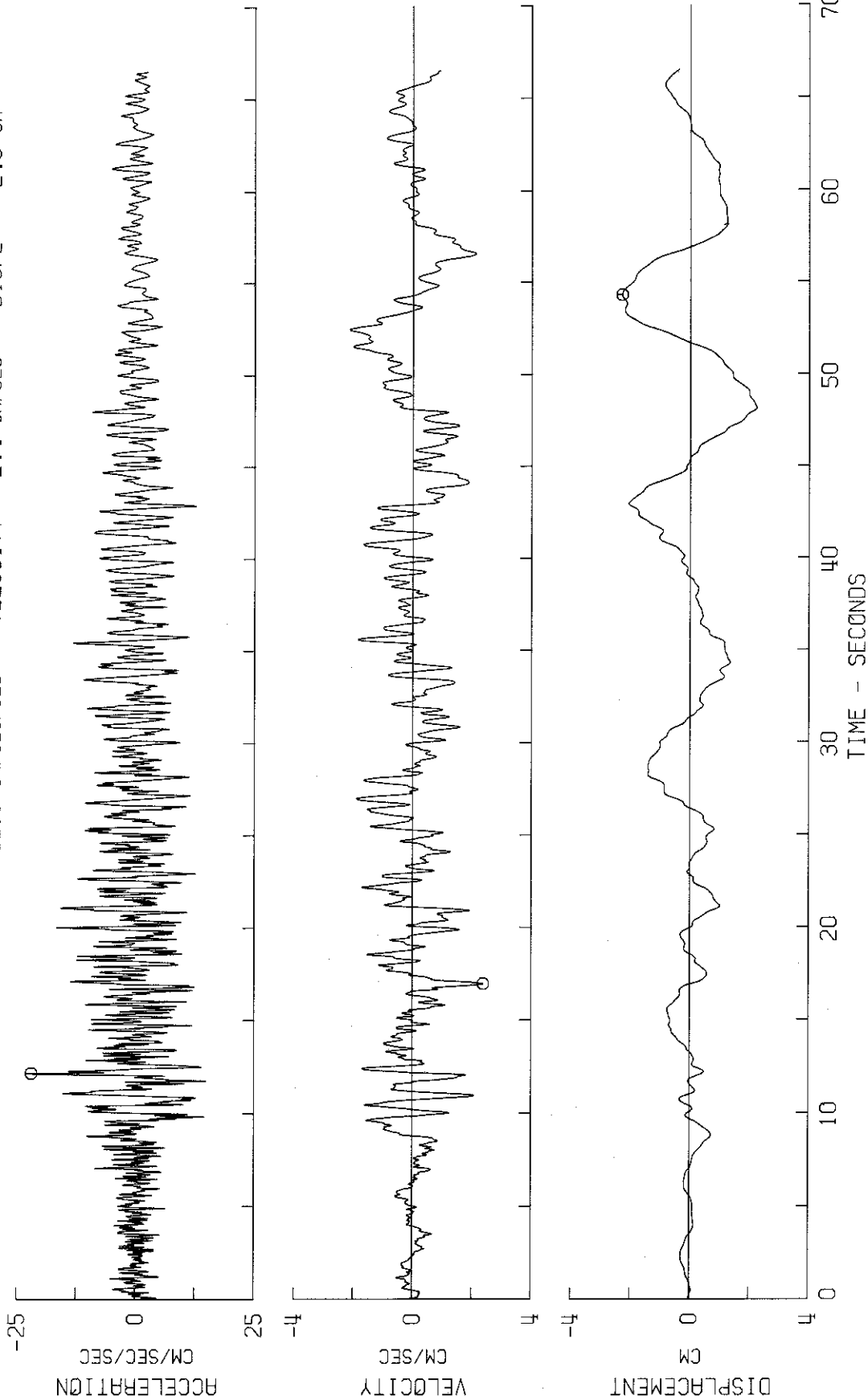
WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST  
 11B028 49.002.0 DIST. ENGINEERS OFFICE AT ARMY BASE COMP S02W  
 PEAK VALUES : ACCEL = 66.5 CM/SEC/SEC VELOCITY = 8.2 CM/SEC DISPL = 2.4 CM



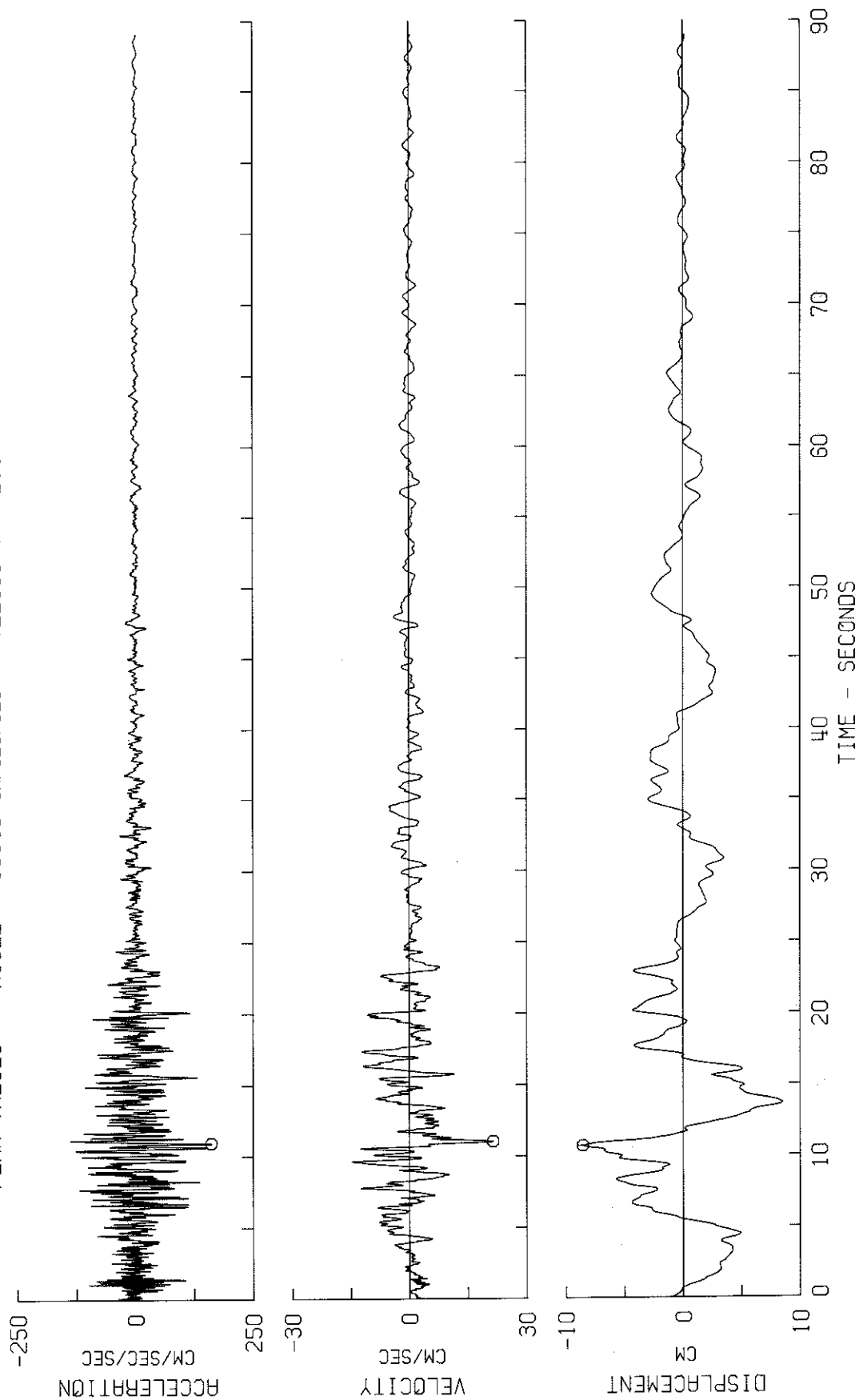
WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST  
 IIB028 49.002.0 DIST. ENGINEERS OFFICE AT ARMY BASE COMP N88W  
 PEAK VALUES : ACCEL = -65.9 CM/SEC/SEC VELOCITY = 7.9 CM/SEC DISPL = 2.7 CM



WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST  
 IIB028 49.002.0 DIST. ENGINEERS OFFICE AT ARMY BASE COMP Up  
 ○ PEAK VALUES : ACCEL = -22.0 CM/SEC/SEC VELOCITY = 2.4 CM/SEC DISPL = -2.3 CM



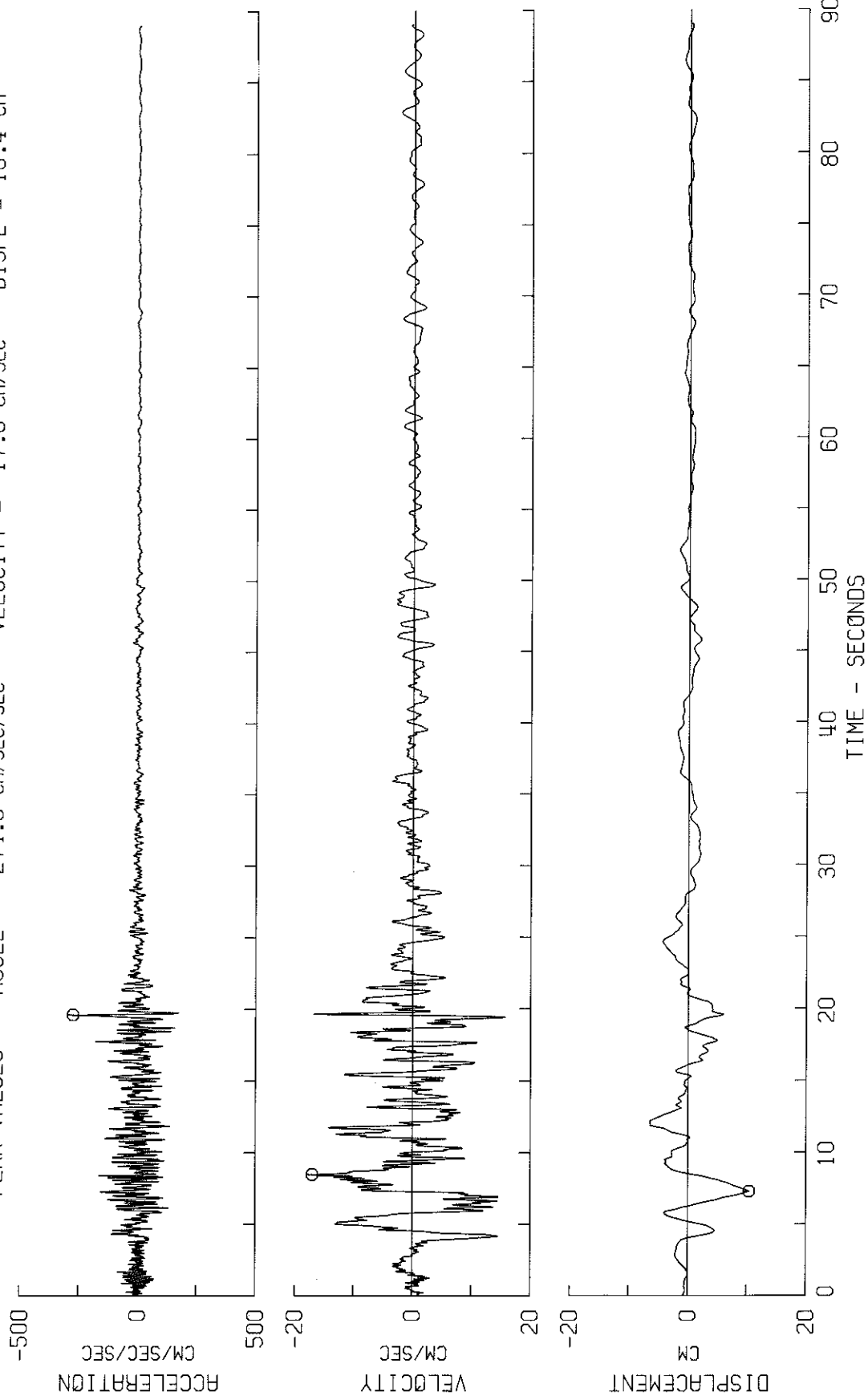
WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST  
 IIB029 49.003.0 OLYMPIA, WASHINGTON HWY TEST LAB COMP S04E  
 ⊙ PEAK VALUES : ACCEL = 161.6 CM/SEC/SEC VELOCITY = 21.4 CM/SEC DISPL = -8.5 CM



WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST

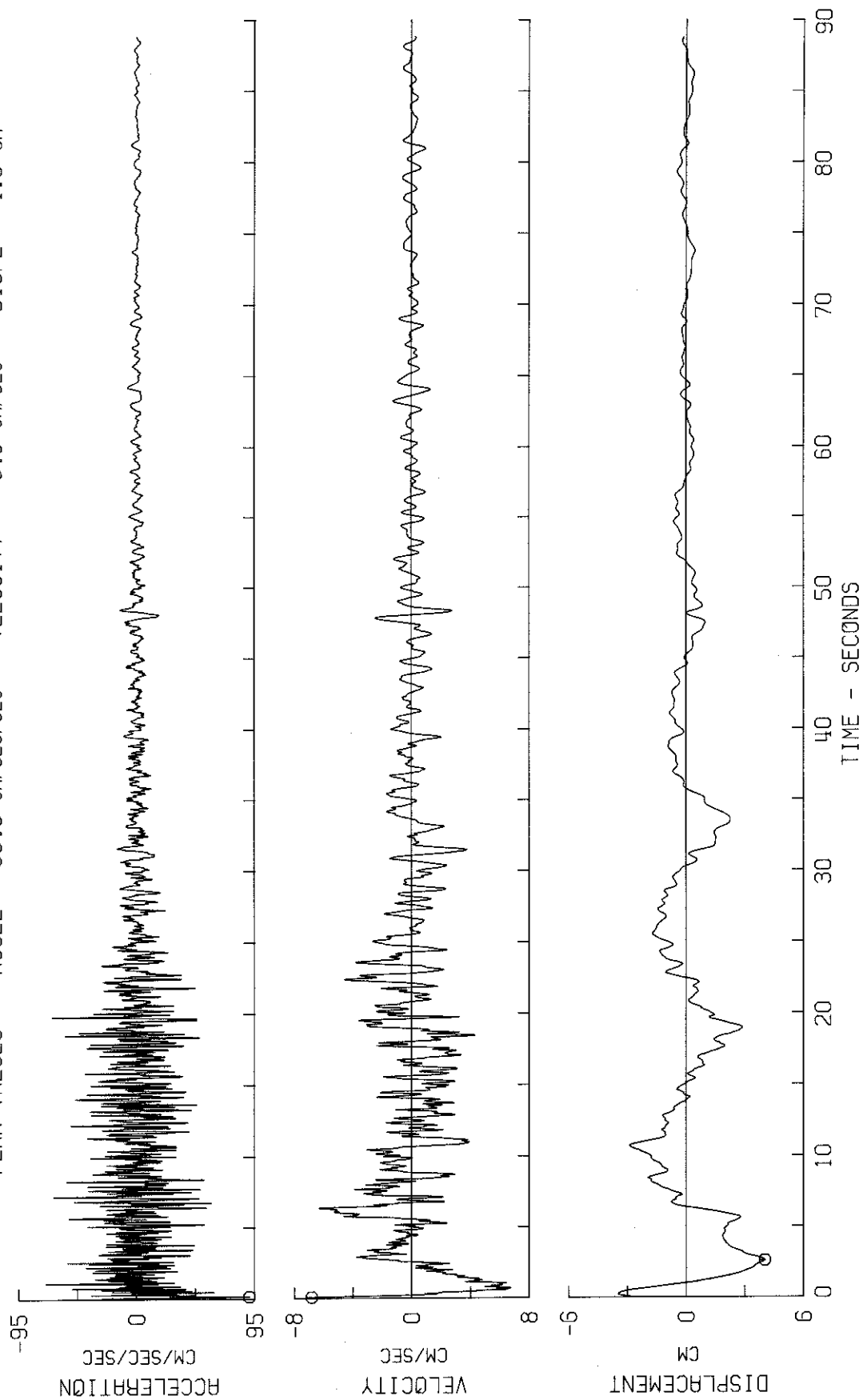
IIB029 49.003.0 OLYMPIA, WASHINGTON HWY TEST LAB COMP S86W

⊙ PEAK VALUES : ACCEL = -274.6 CM/SEC/SEC VELOCITY = -17.0 CM/SEC DISPL = 10.4 CM





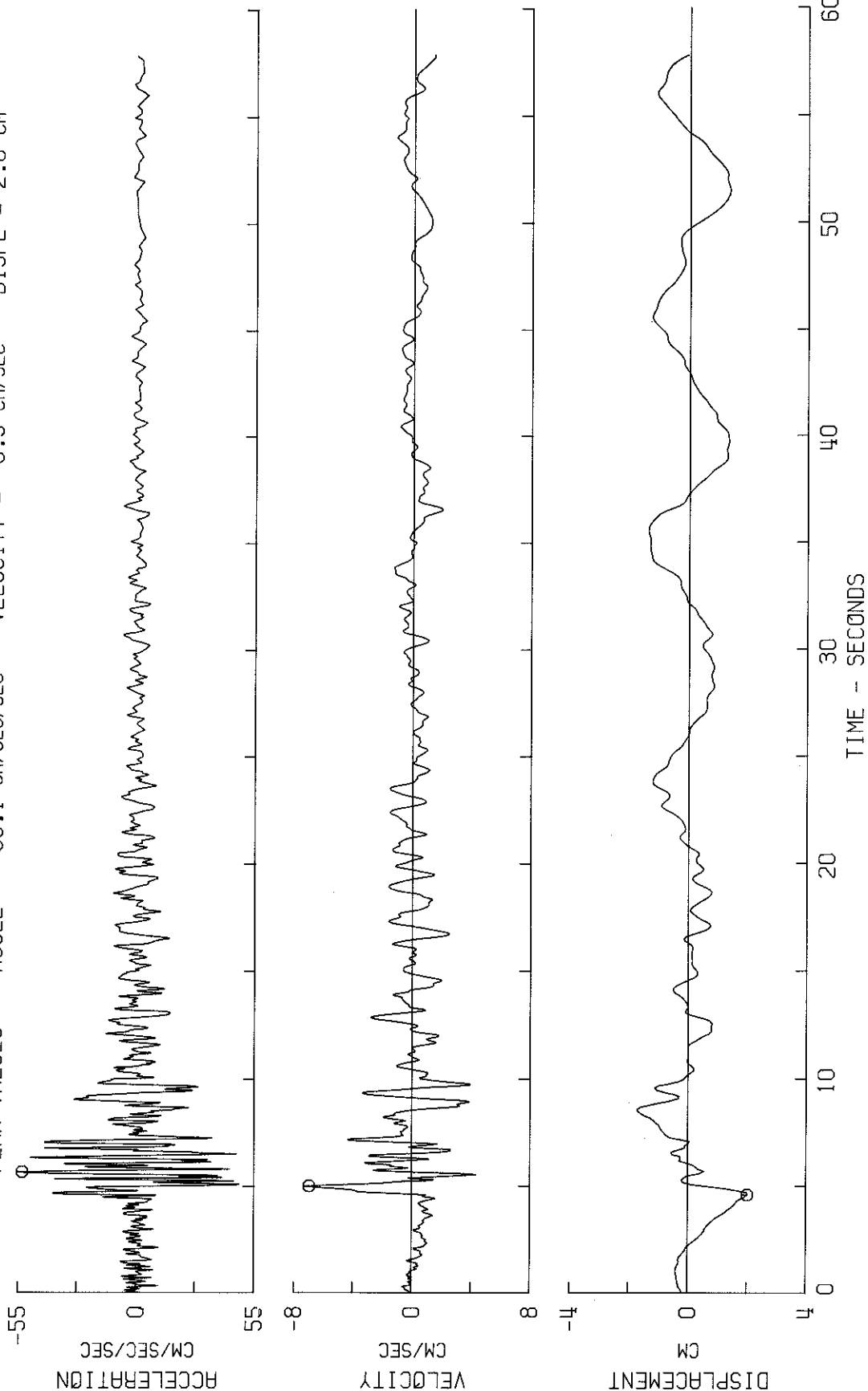
WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST  
 IIB029 49.003.0 OLYMPIA, WASHINGTON HWY TEST LAB COMP Up  
 PEAK VALUES : ACCEL = 90.6 CM/SEC/SEC VELOCITY = -6.8 CM/SEC DISPL = 4.0 CM



# NORTHERN CALIFORNIA EARTHQUAKE SEPT 22, 1952 - 0441 PDT

IIB030 52.011.0 FERNDALE CITY HALL COMP S44W

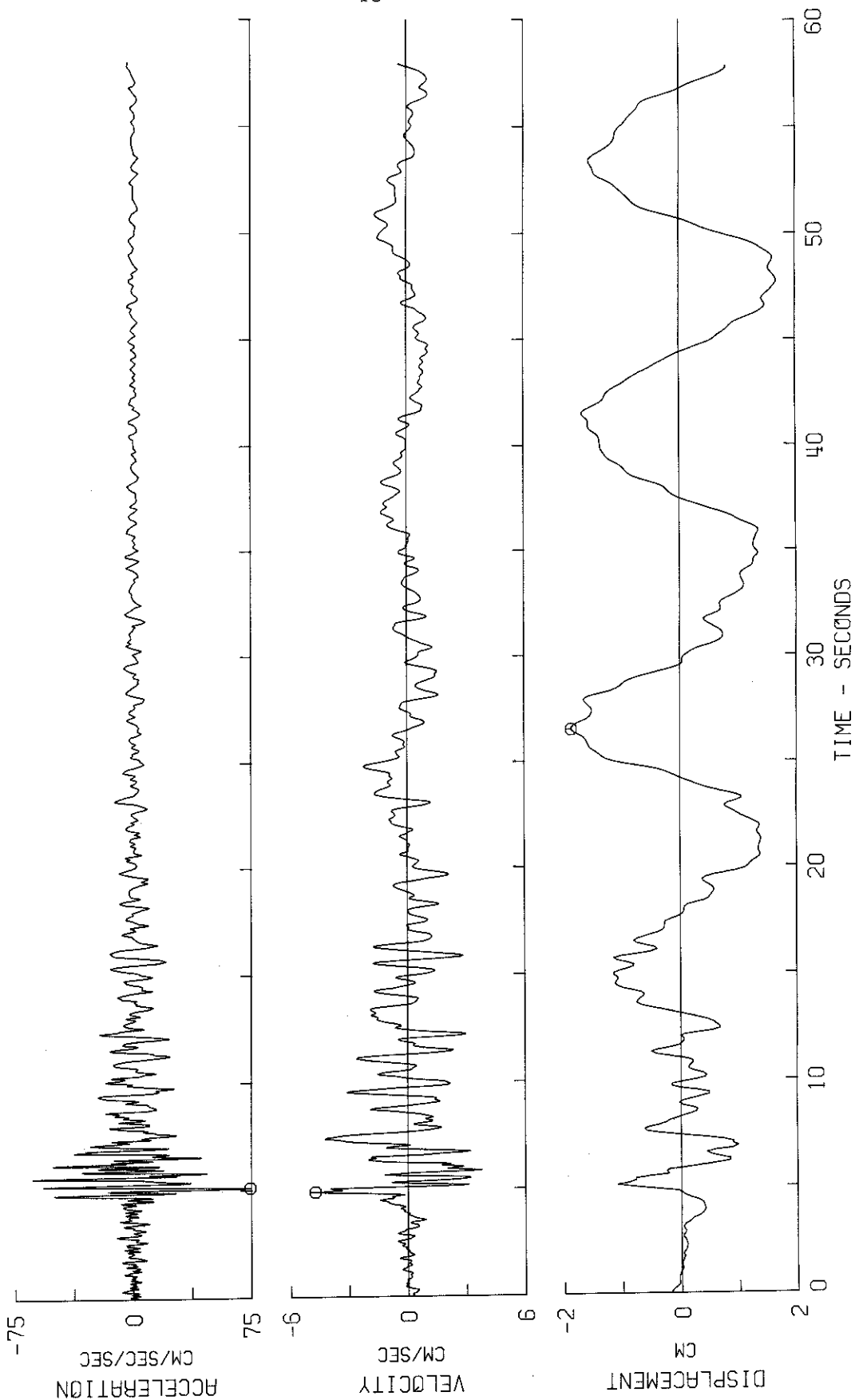
PEAK VALUES : ACCEL = -53.1 CM/SEC/SEC VELOCITY = -6.9 CM/SEC DISPL = 2.0 CM



# NORTHERN CALIFORNIA EARTHQUAKE SEPT 22, 1952 - 0441 PDT

I18030 52.011.0 FERNDALE CITY HALL COMP N46W

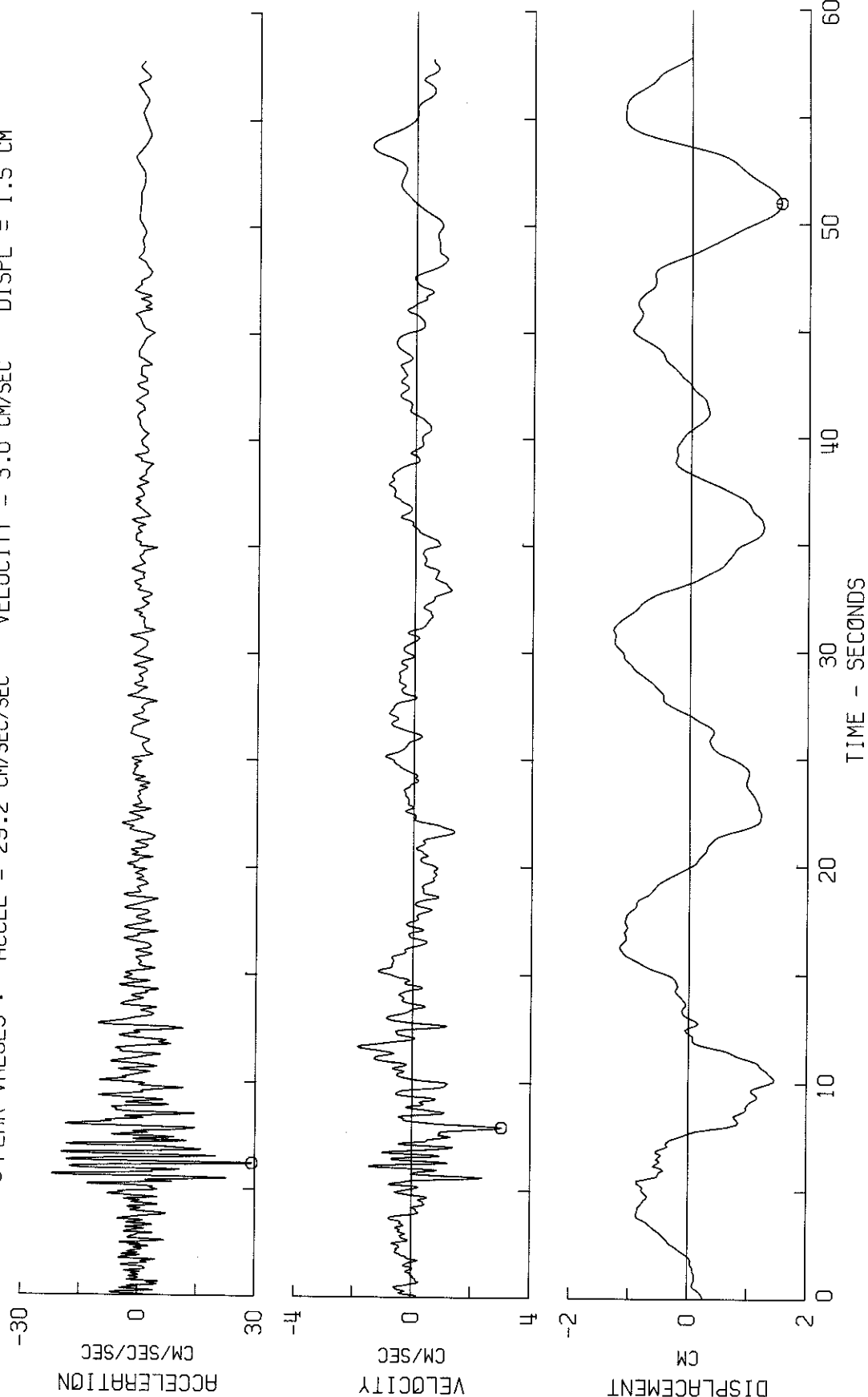
⊙ PEAK VALUES : ACCEL = 74.1 CM/SEC/SEC VELOCITY = -4.7 CM/SEC DISPL = -1.9 CM



# NORTHERN CALIFORNIA EARTHQUAKE SEPT 22, 1952 - 0441 PDT

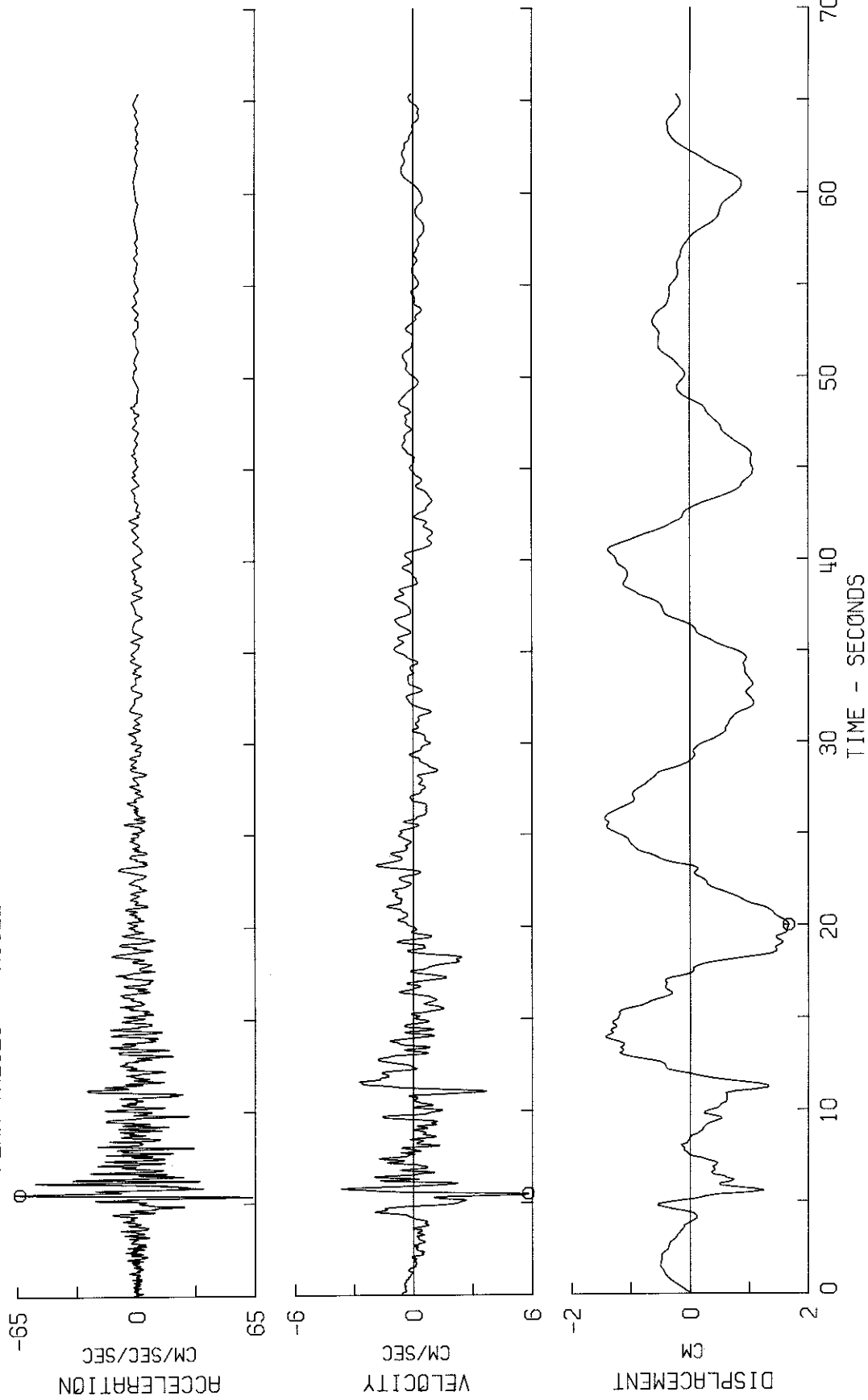
118030 52.011.0 FERNDALE CITY HALL COMP Up

PEAK VALUES : ACCEL = 29.2 CM/SEC/SEC VELOCITY = 3.0 CM/SEC DISPL = 1.5 CM



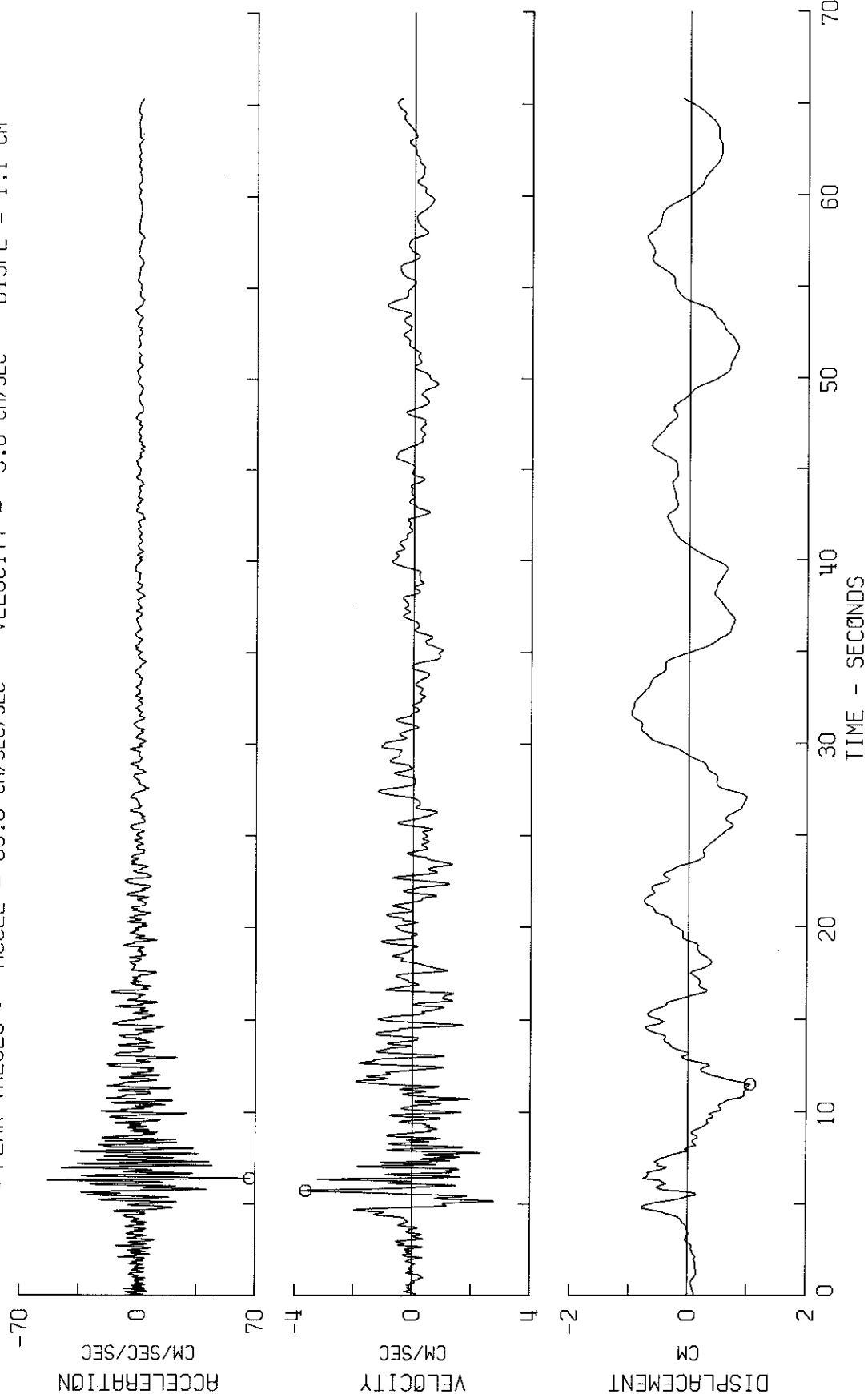
WHEELER RIDGE, CALIFORNIA EARTHQUAKE JAN 12, 1954 - 1534 PST  
IIB031 54.001.0 TAFT LINCOLN SCHOOL TUNNEL COMP N21E

⊙ PEAK VALUES : ACCEL = -63.9 CM/SEC/SEC VELOCITY = 5.8 CM/SEC DISPL = 1.7 CM



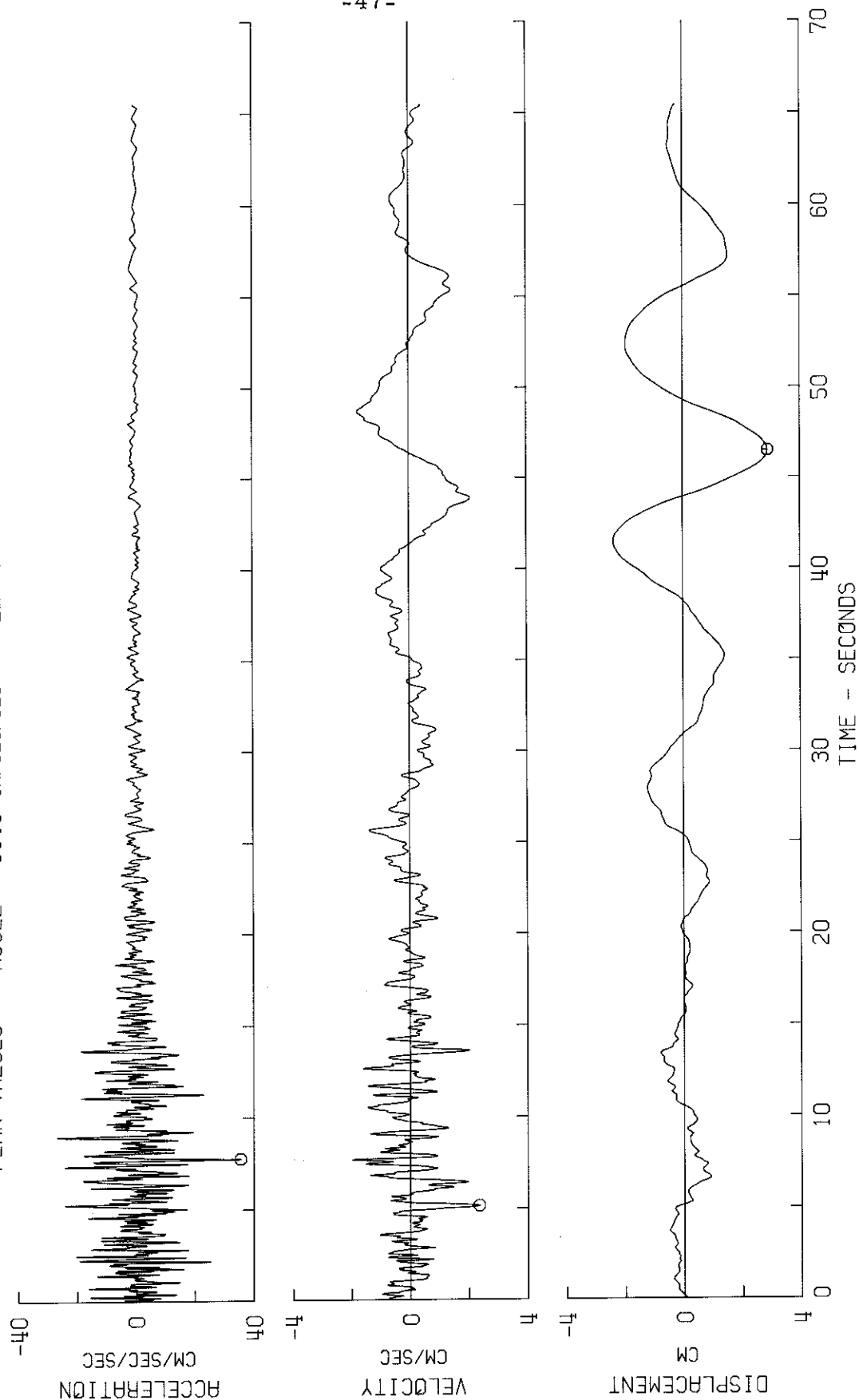
WHEELER RIDGE, CALIFORNIA EARTHQUAKE JAN 12, 1954 - 1534 PST  
IIB031 54.001.0 TAFT LINCOLN SCHOOL TUNNEL COMP S69E

⊙ PEAK VALUES : ACCEL = 66.8 CM/SEC/SEC VELOCITY = -3.6 CM/SEC DISPL = 1.1 CM

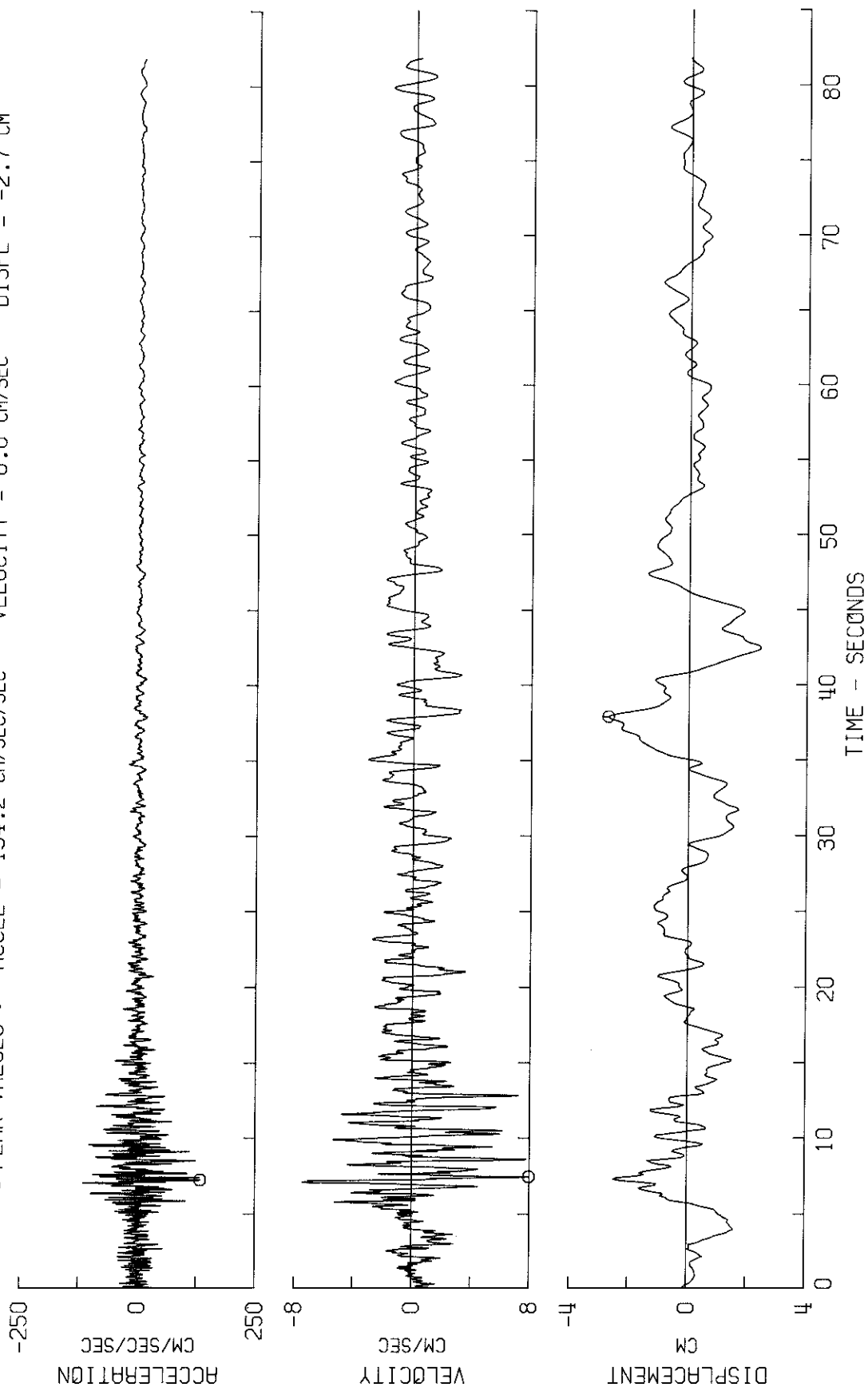


WHEELER RIDGE, CALIFORNIA EARTHQUAKE JAN 12, 1954 - 1534 PST  
 IIB031 54.001.0 TAFT LINCOLN SCHOOL TUNNEL COMP Up

PEAK VALUES : ACCEL = 35.5 CM/SEC/SEC VELOCITY = 2.4 CM/SEC DISPL = 2.9 CM



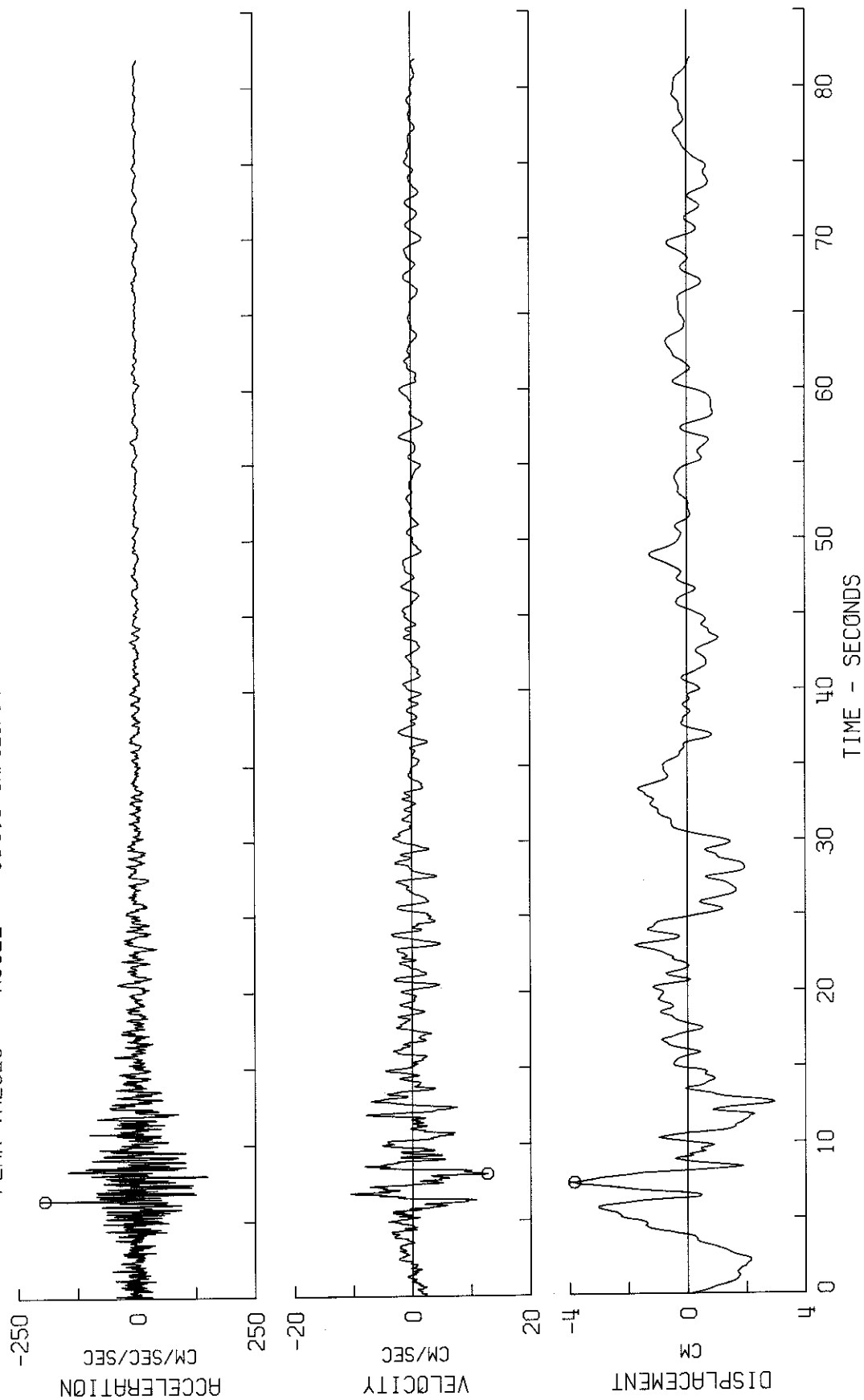
PUGET SOUND, WASHINGTON EARTHQUAKE APR 29, 1965 - 0728 PST  
 IIB032 65.001.0 OLYMPIA, WASHINGTON HWY TEST LAB CMP S04E  
 ○ PEAK VALUES : ACCEL = 134.2 CM/SEC/SEC VELOCITY = 8.0 CM/SEC DISPL = -2.7 CM





PUGET SOUND, WASHINGTON EARTHQUAKE APR 29, 1965 - 0728 PST  
 11B032 65.001.0 OLYMPIA, WASHINGTON HWY TEST LAB COMP S86W

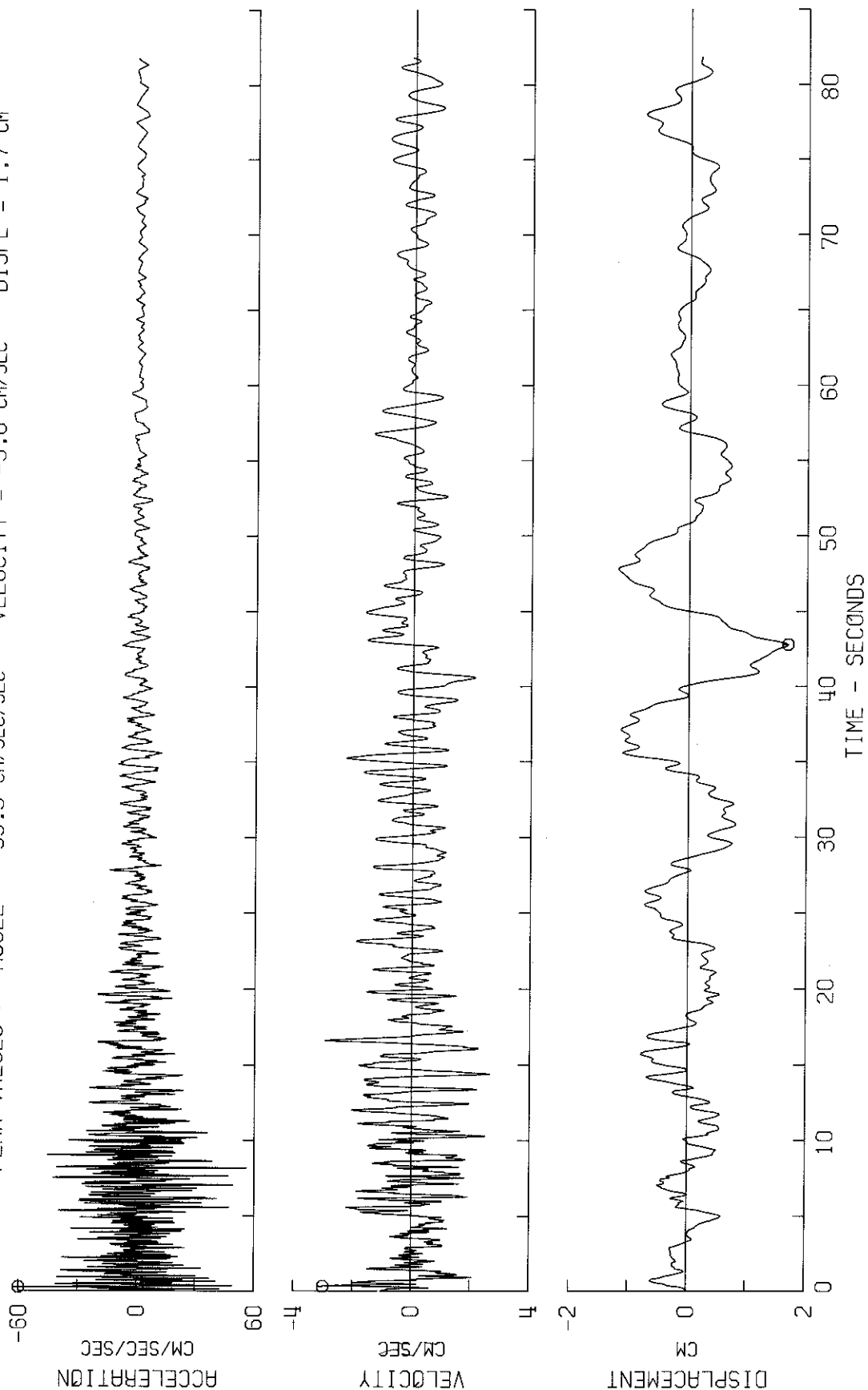
⊙ PEAK VALUES : ACCEL = -194.3 CM/SEC/SEC VELOCITY = 12.7 CM/SEC DISPL = -3.8 CM



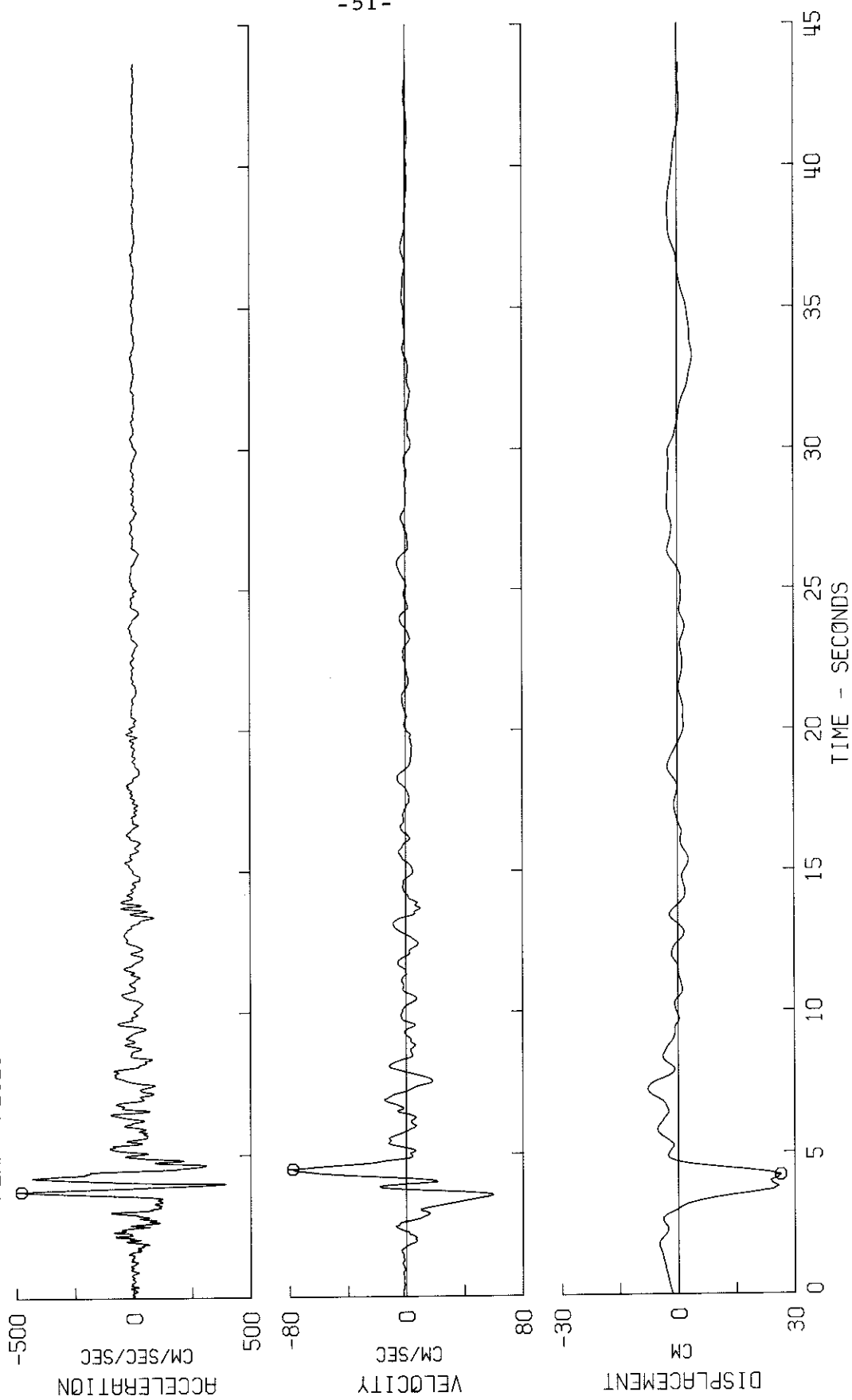
PUGET SOUND, WASHINGTON EARTHQUAKE APR 29, 1965 - 0728 PST

11B032 65.001.0 OLYMPIA, WASHINGTON HWY TEST LAB COMP Up

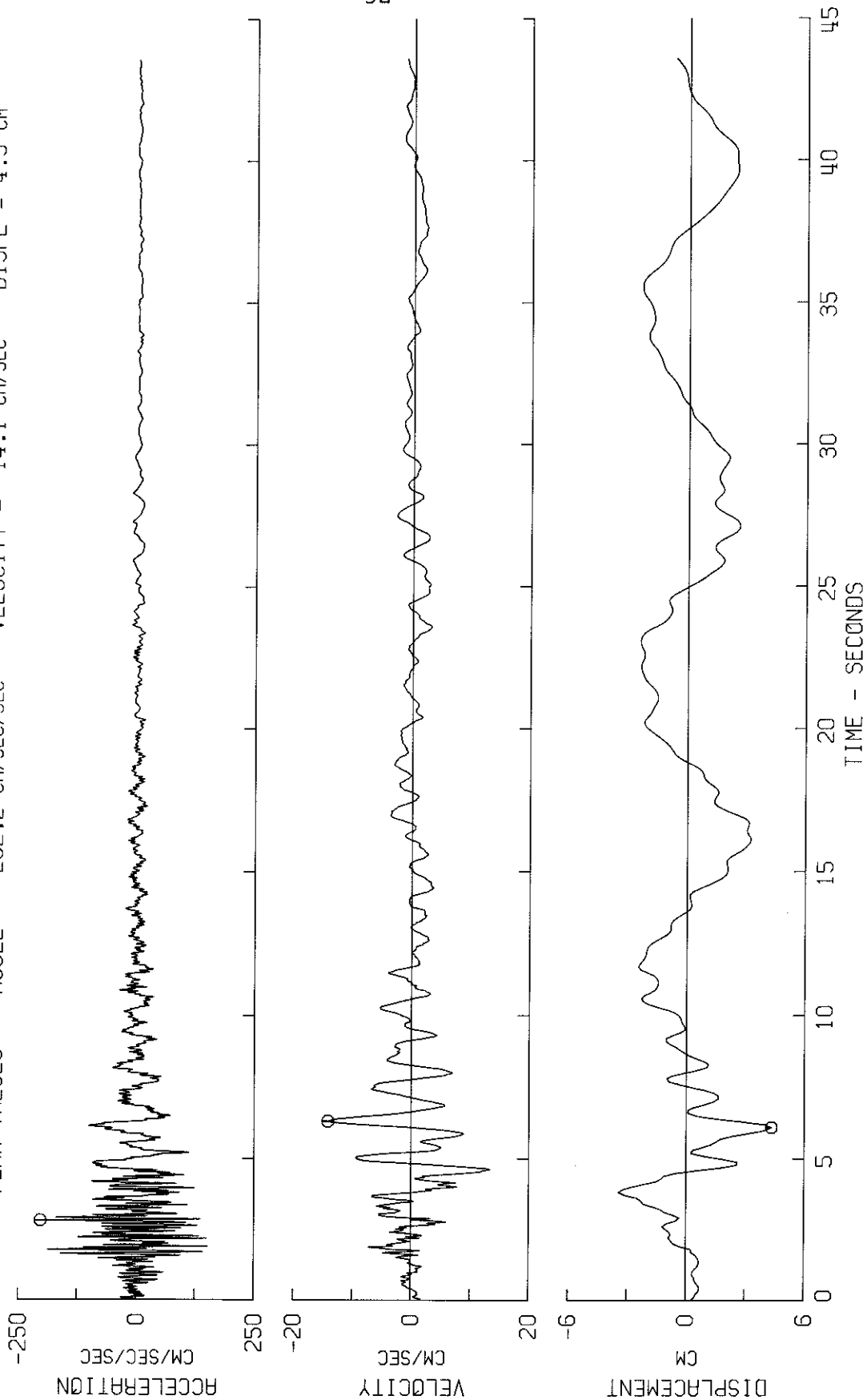
⊙ PEAK VALUES : ACCEL = -59.9 CM/SEC/SEC VELOCITY = -3.0 CM/SEC DISPL = 1.7 CM



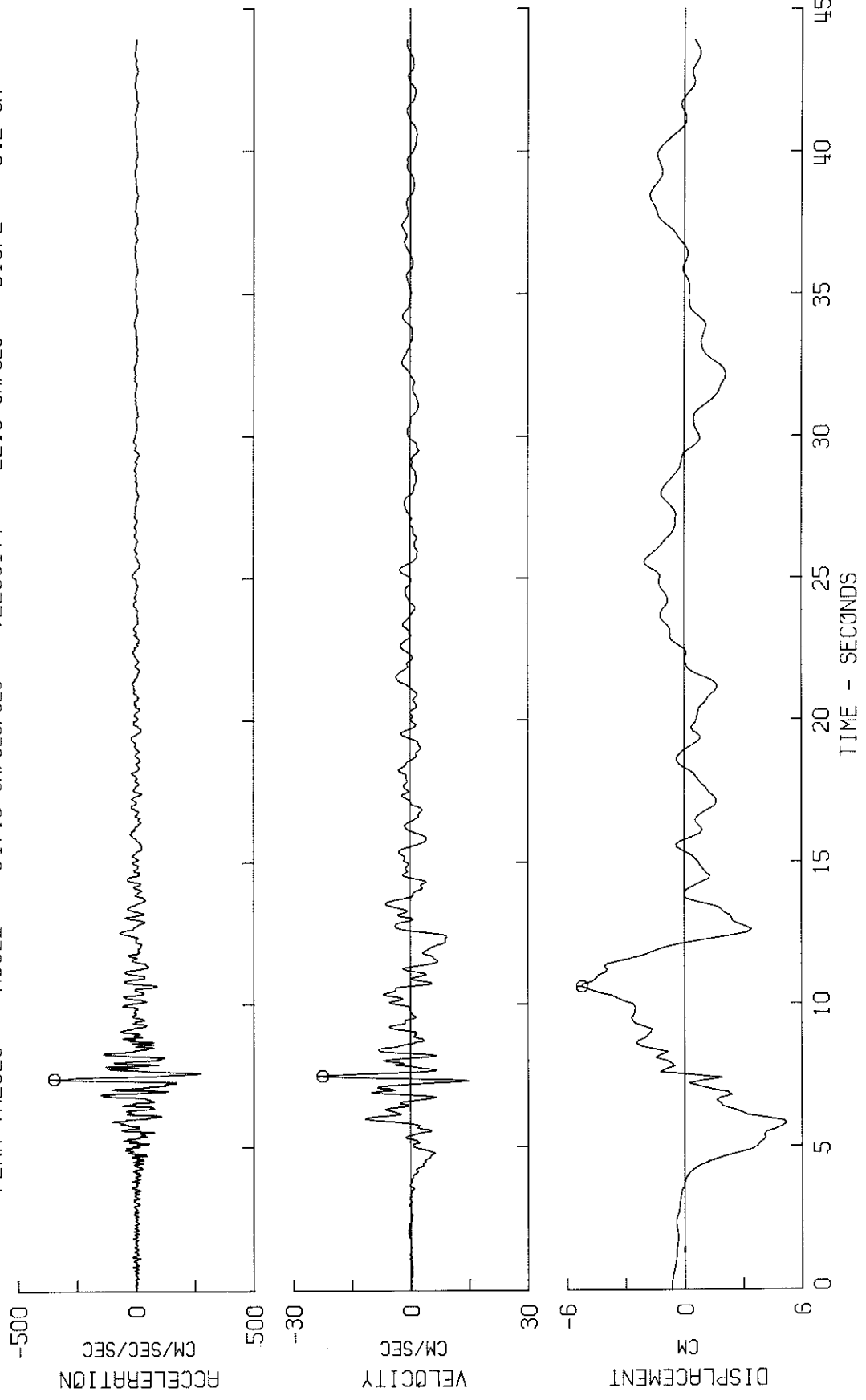
PARKFIELD, CALIFORNIA EARTHQUAKE    JUNE 27, 1966 - 2026 PST  
 IIB033 66.001.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 2 COMP N65E  
 @ PEAK VALUES : ACCEL = -479.6 CM/SEC/SEC    VELOCITY = -77.9 CM/SEC    DISPL = 26.3 CM



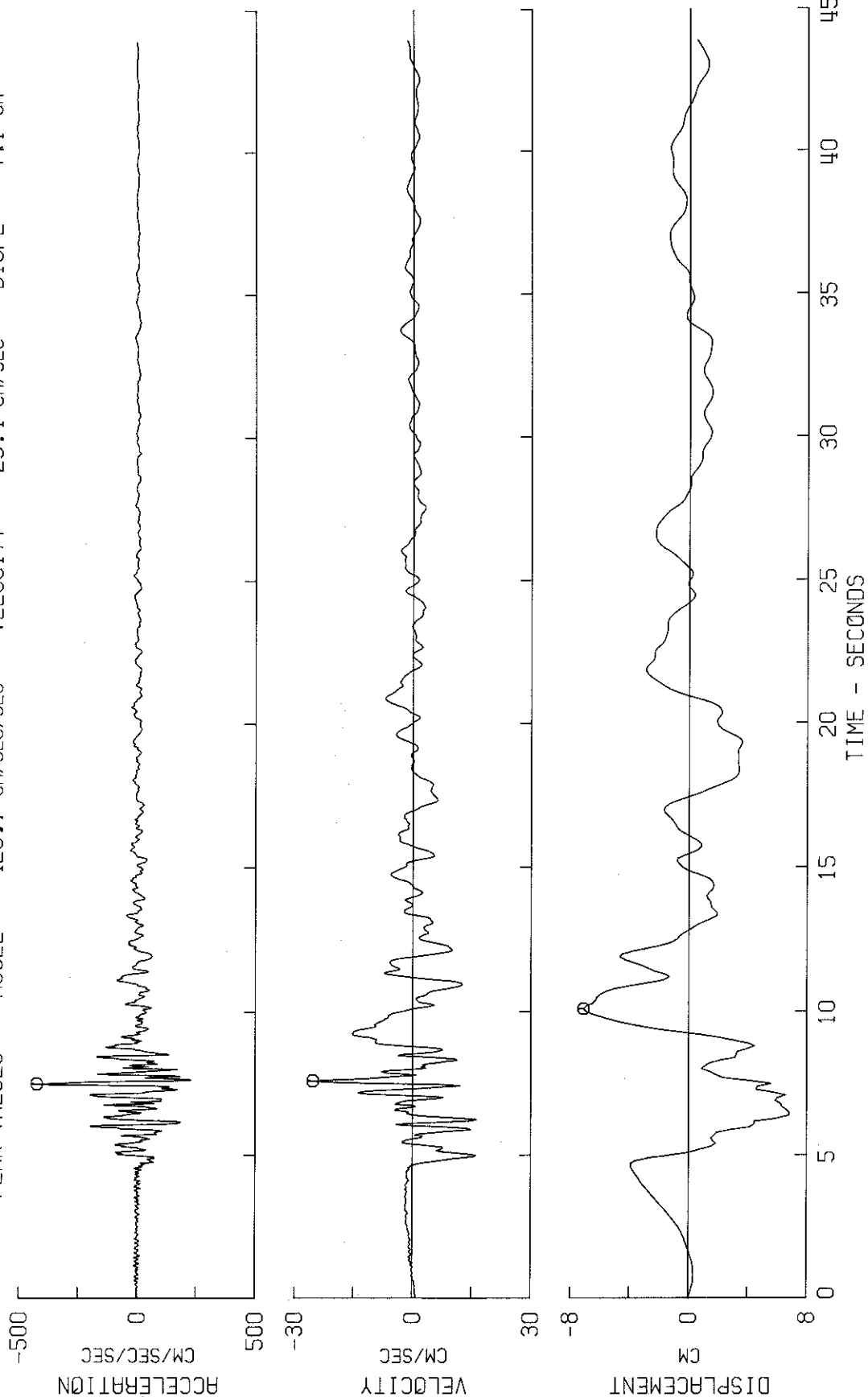
PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 IIB033 66.001.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 2 COMP DOWN  
 ○ PEAK VALUES : ACCEL = -202.2 CM/SEC/SEC VELOCITY = -14.1 CM/SEC DISPL = 4.3 CM



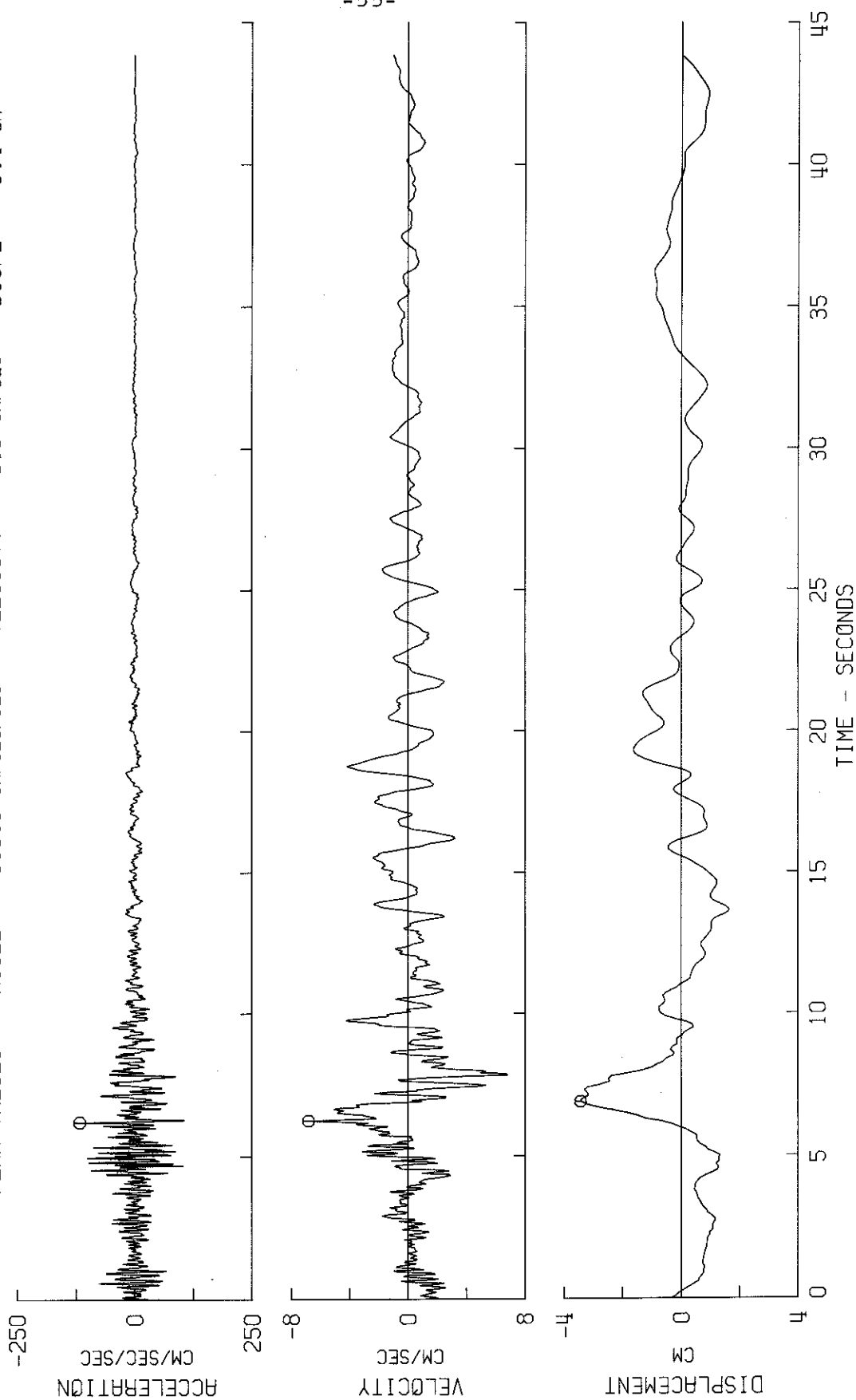
PARKFIELD, CALIFORNIA EARTHQUAKE    JUNE 27, 1966 - 2026 PST  
 I1B034 66.002.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 5 COMP N05W  
 @ PEAK VALUES : ACCEL = -347.8 CM/SEC/SEC    VELOCITY = -22.5 CM/SEC    DISPL = -5.2 CM



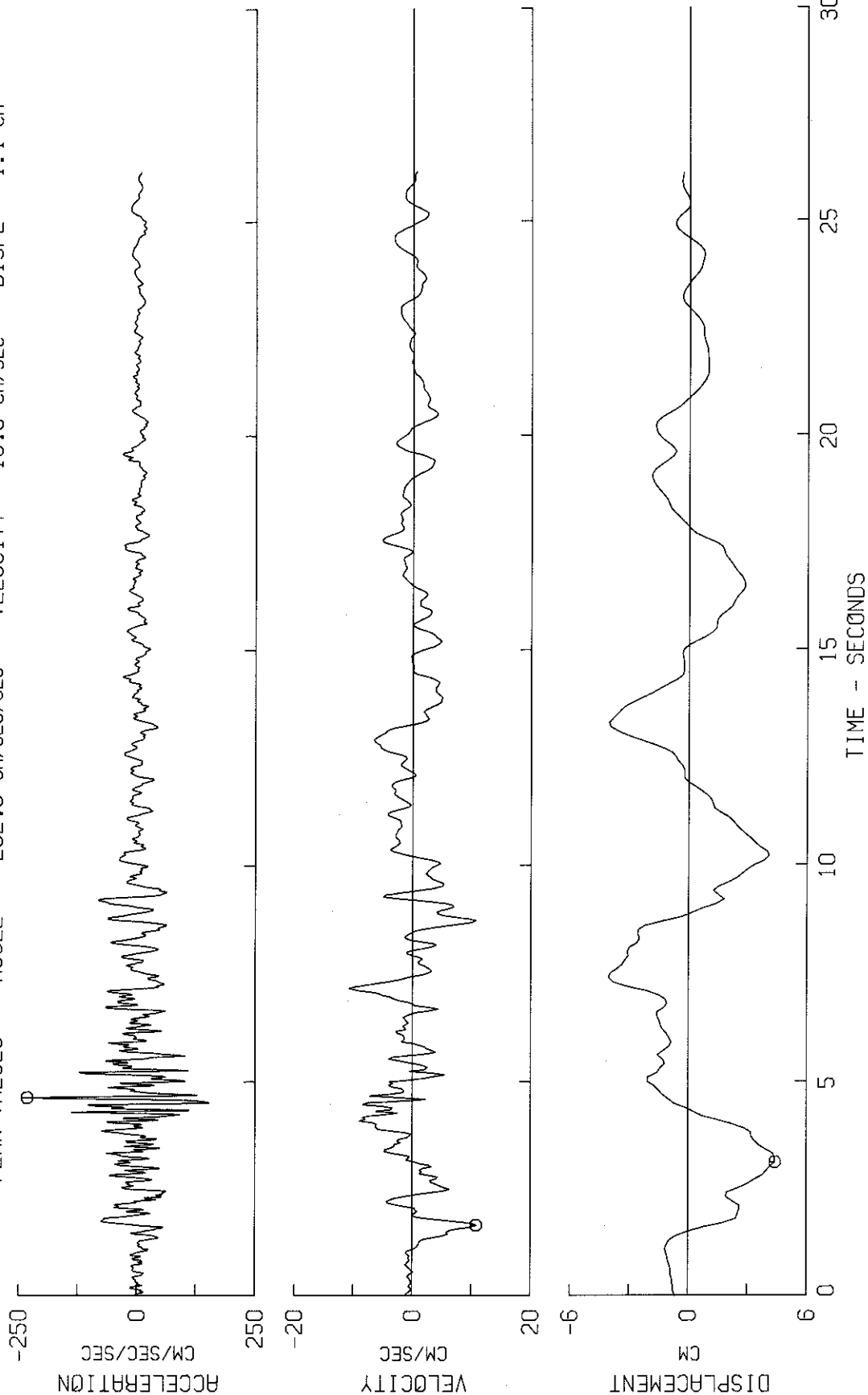
PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 11B034 66.002.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 5 COMP N85E  
 @ PEAK VALUES : ACCEL = -425.7 CM/SEC/SEC VELOCITY = -25.4 CM/SEC DISPL = -7.1 CM



PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 IIB034 66.002.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 5 COMP DOWN  
 φ PEAK VALUES : ACCEL = -116.9 CM/SEC/SEC VELOCITY = -6.8 CM/SEC DISPL = -3.4 CM

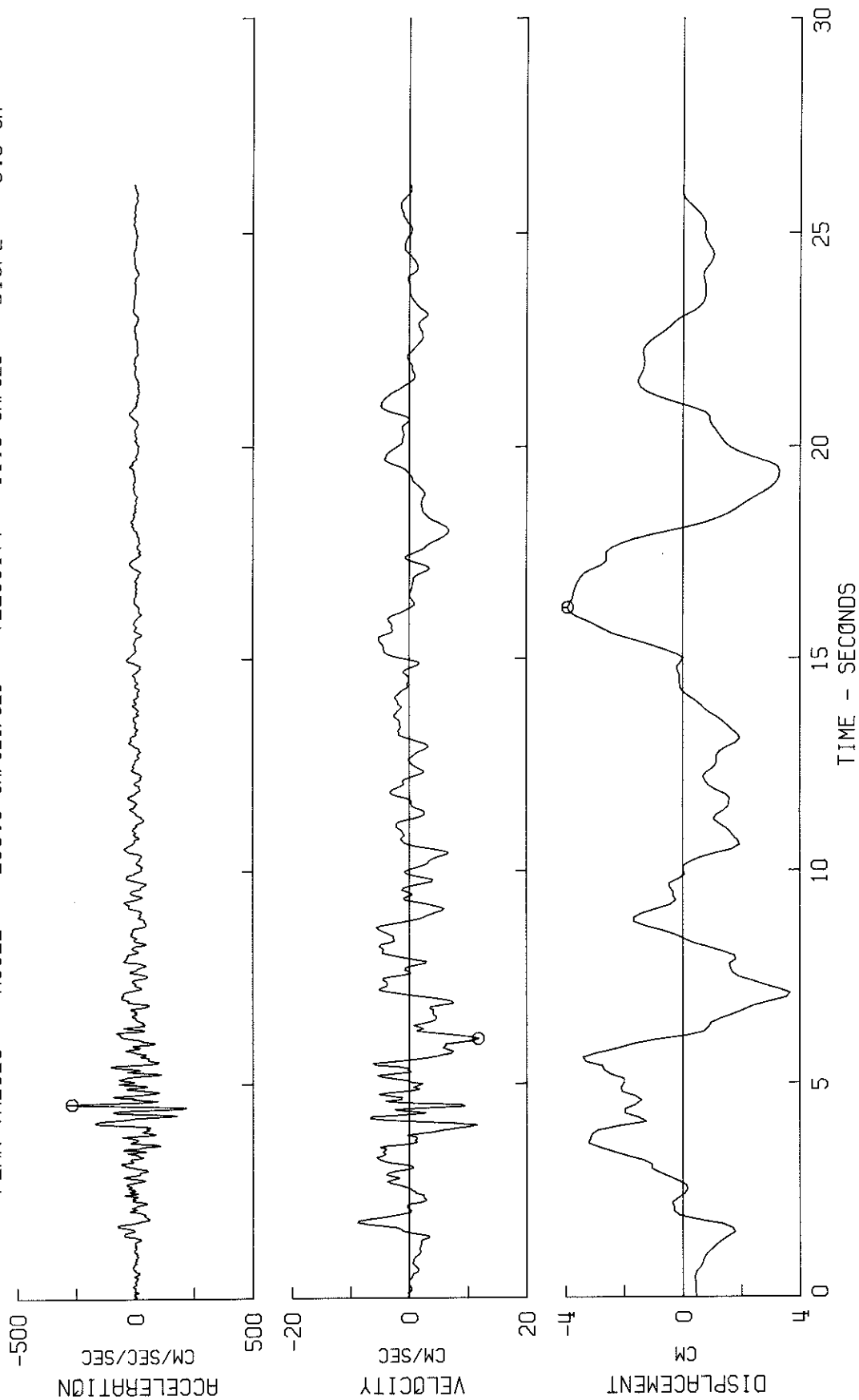


PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 IIB035 66.003.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 8 COMP N50E  
 PEAK VALUES : ACCEL = -232.6 CM/SEC/SEC VELOCITY = 10.8 CM/SEC DISPL = 4.4 CM

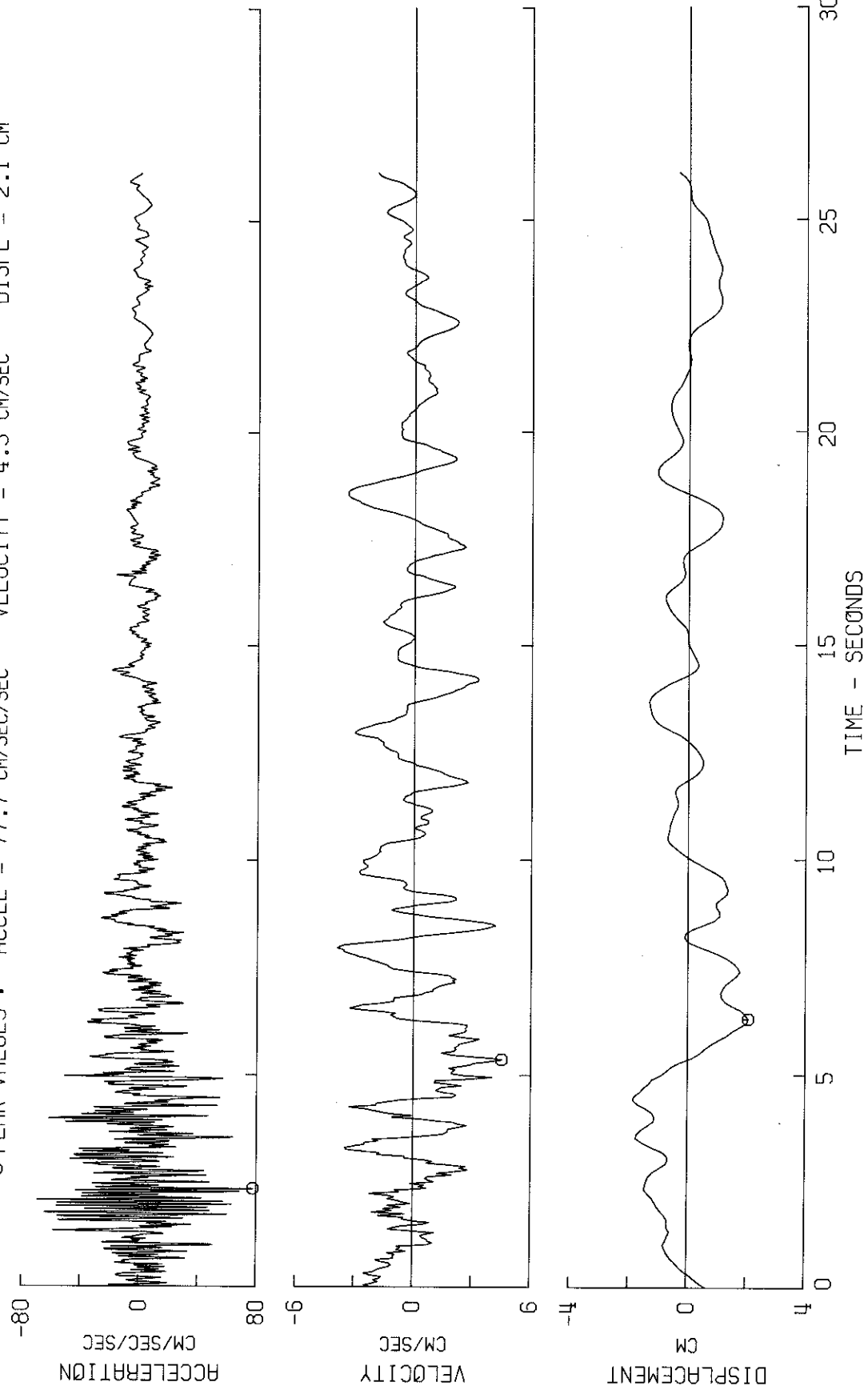




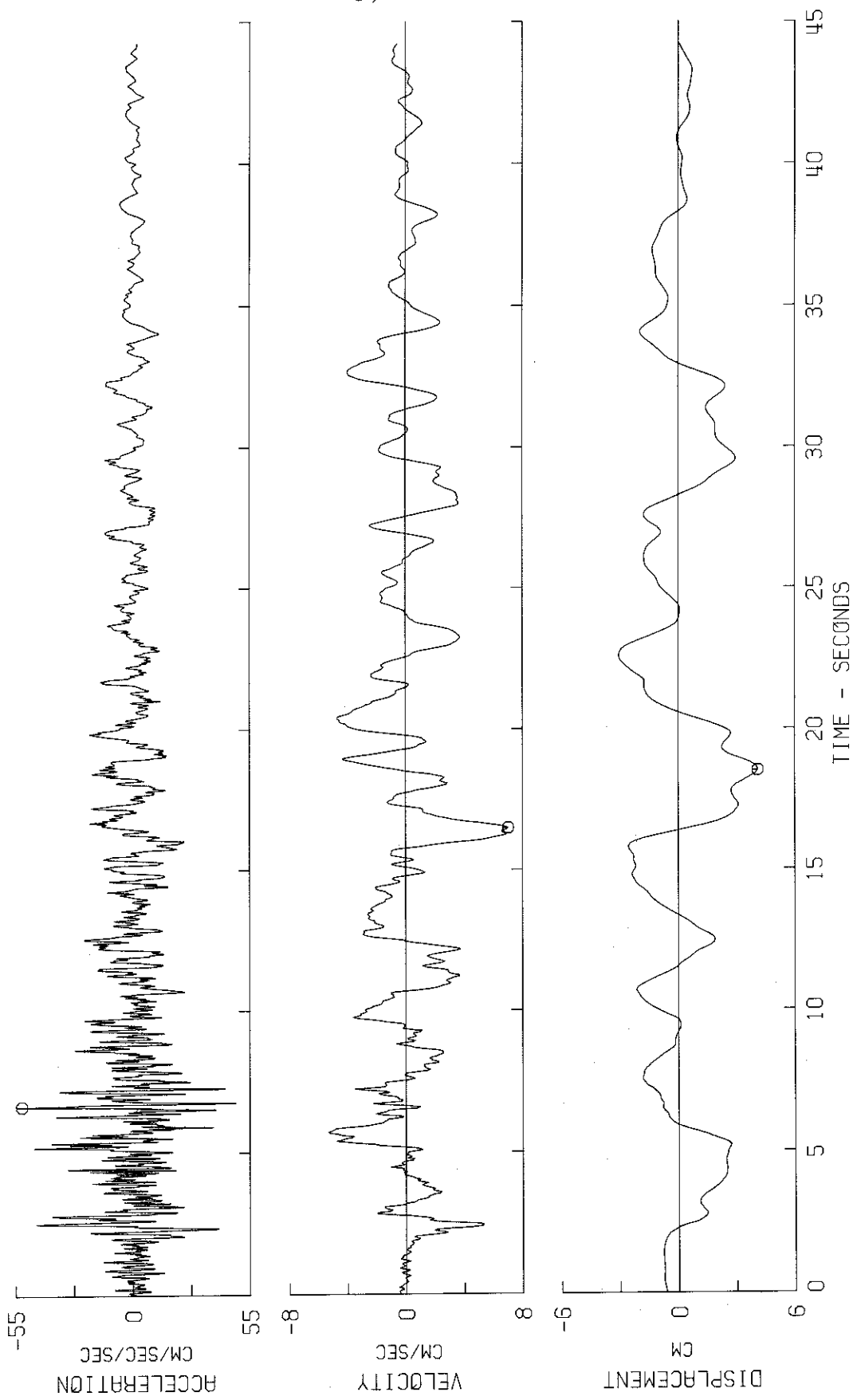
PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 I1B035 66.003.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 8 COMP N40W  
 PEAK VALUES : ACCEL = -269.6 CM/SEC/SEC VELOCITY = 11.8 CM/SEC DISPL = -3.9 CM



PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 IIB035 66.003.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 8 COMP DOWN  
 ○ PEAK VALUES : ACCEL = 77.7 CM/SEC/SEC VELOCITY = 4.5 CM/SEC DISPL = 2.1 CM



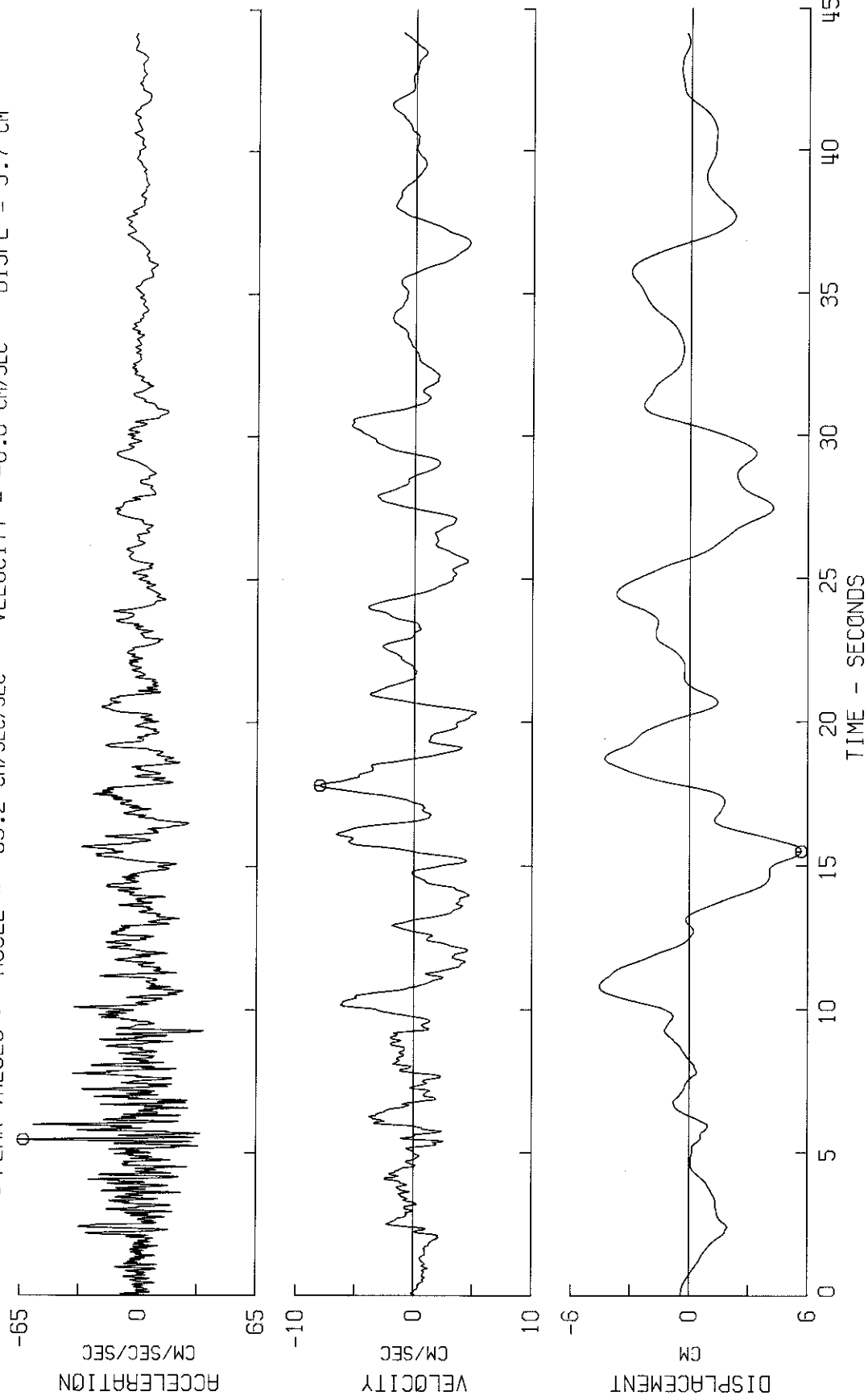
PARKFIELD, CALIFORNIA EARTHQUAKE    JUNE 27, 1966 - 2026 PST  
 IIB036 66.004.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 12    COMP N50E  
 PEAK VALUES :    ACCEL = -52.1 CM/SEC/SEC    VELOCITY = 7.0 CM/SEC    DISPL = 4.1 CM



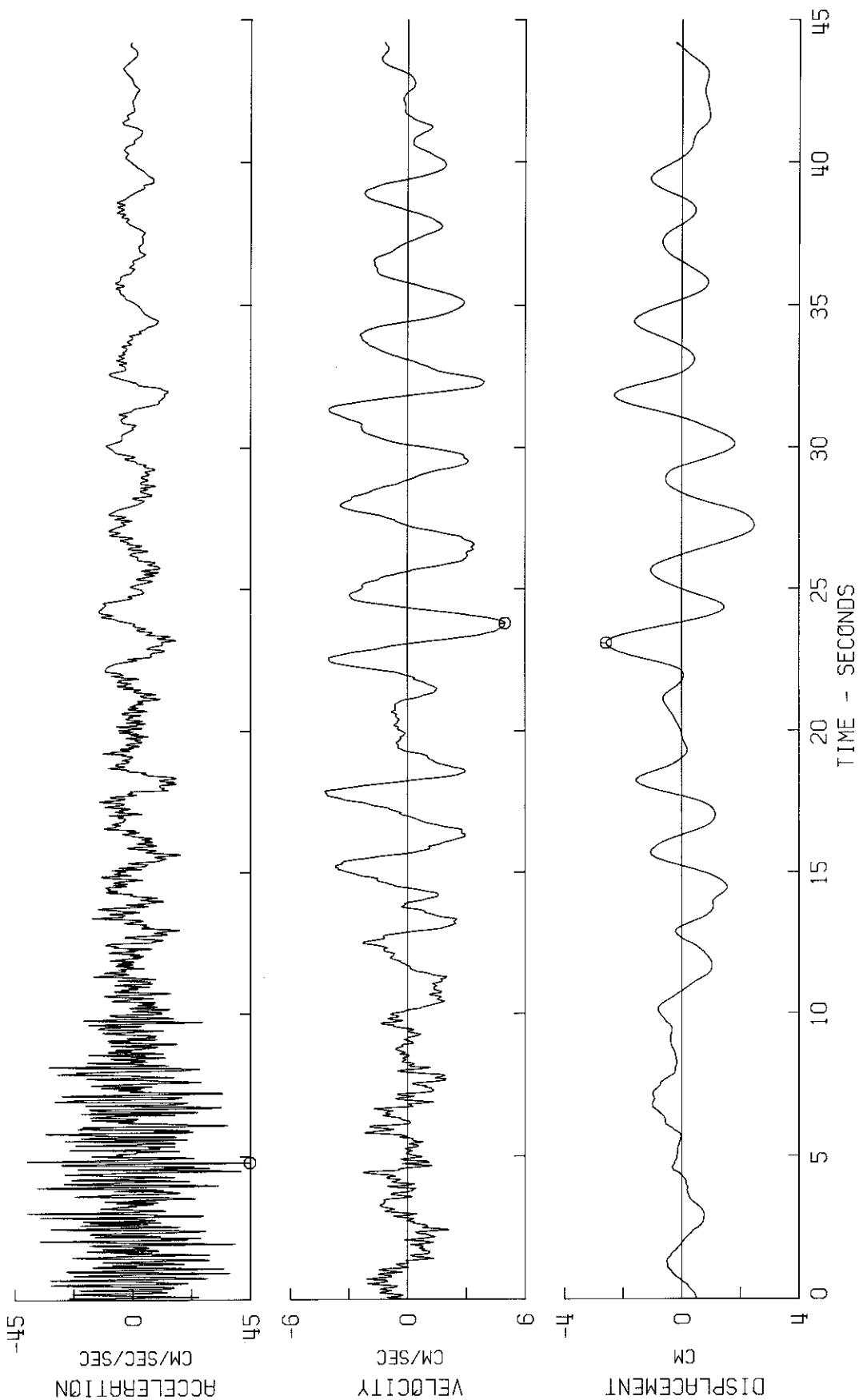
# PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST

11B036 66.004.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 12 COMP N40W

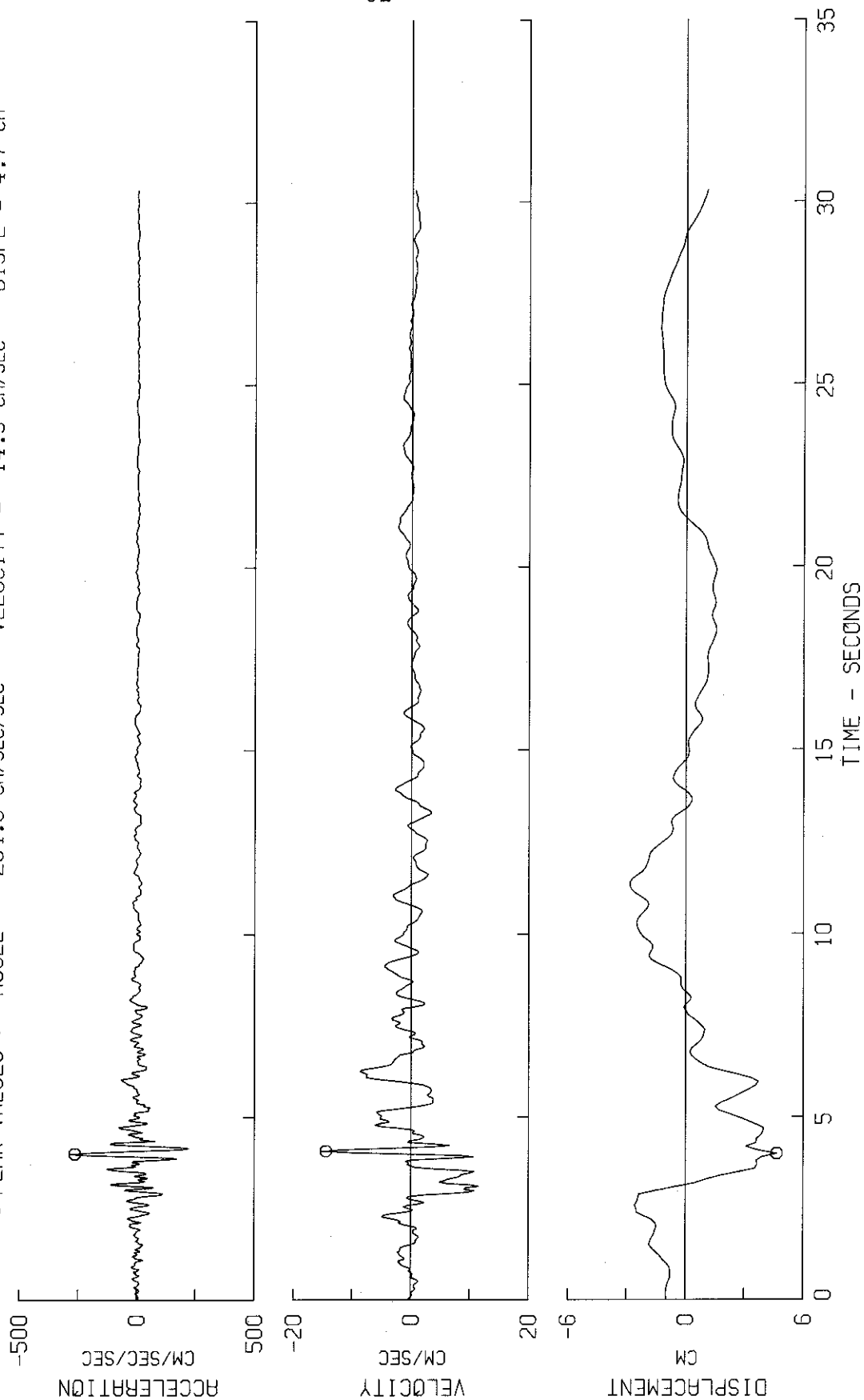
⊙ PEAK VALUES : ACCEL = -63.2 CM/SEC/SEC VELOCITY = -8.0 CM/SEC DISPL = 5.7 CM



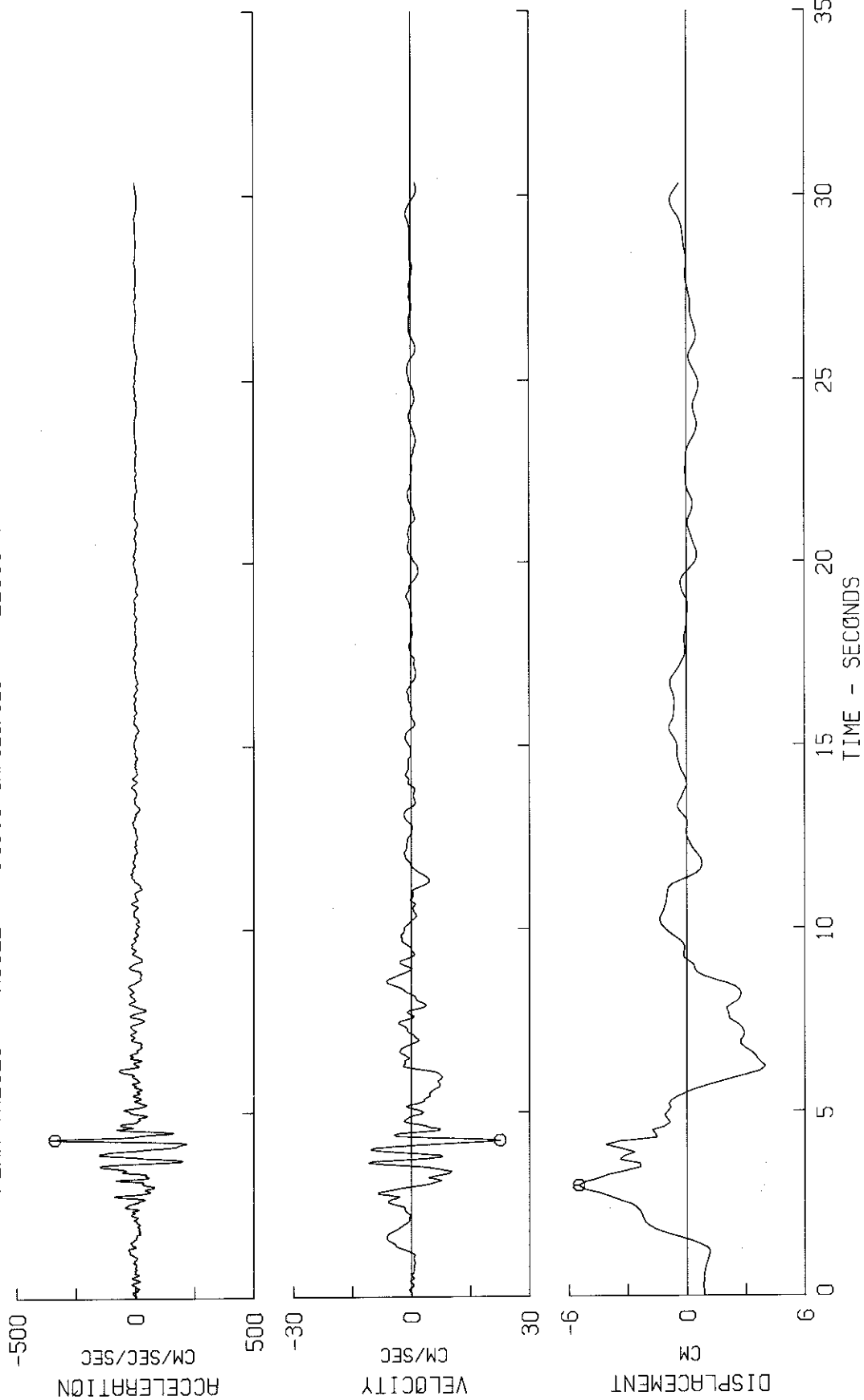
PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 IIB036 66.004.0 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 12 COMP DOWN  
 ☉ PEAK VALUES : ACCEL = 44.6 CM/SEC/SEC VELOCITY = 5.0 CM/SEC DISPL = -2.6 CM



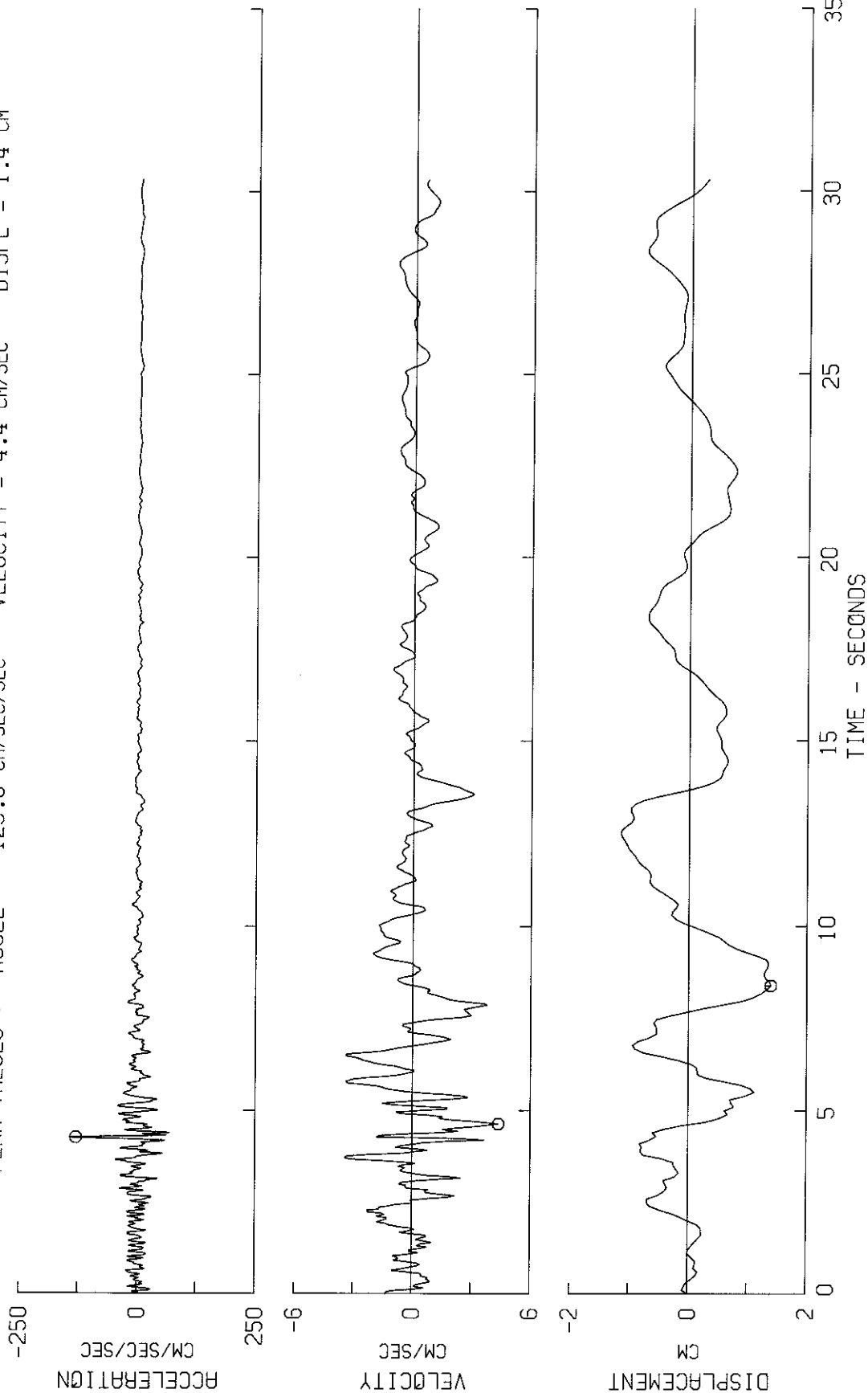
PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 118037 66.005.0 TEBLOR, CALIFORNIA NO. 2 COMP N65W  
 PEAK VALUES : ACCEL = -264.3 CM/SEC/SEC VELOCITY = -14.5 CM/SEC DISPL = 4.7 CM



PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 IIB037 66.005.0 TEBLOR, CALIFORNIA NO. 2 COMP S25W  
 PEAK VALUES : ACCEL = -340.8 CM/SEC/SEC VELOCITY = 22.5 CM/SEC DISPL = -5.5 CM



PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 I18037 66.005.0 TEBLOR, CALIFORNIA NO. 2 COMP DOWN  
 ○ PEAK VALUES : ACCEL = -129.8 CM/SEC/SEC VELOCITY = 4.4 CM/SEC DISPL = 1.4 CM

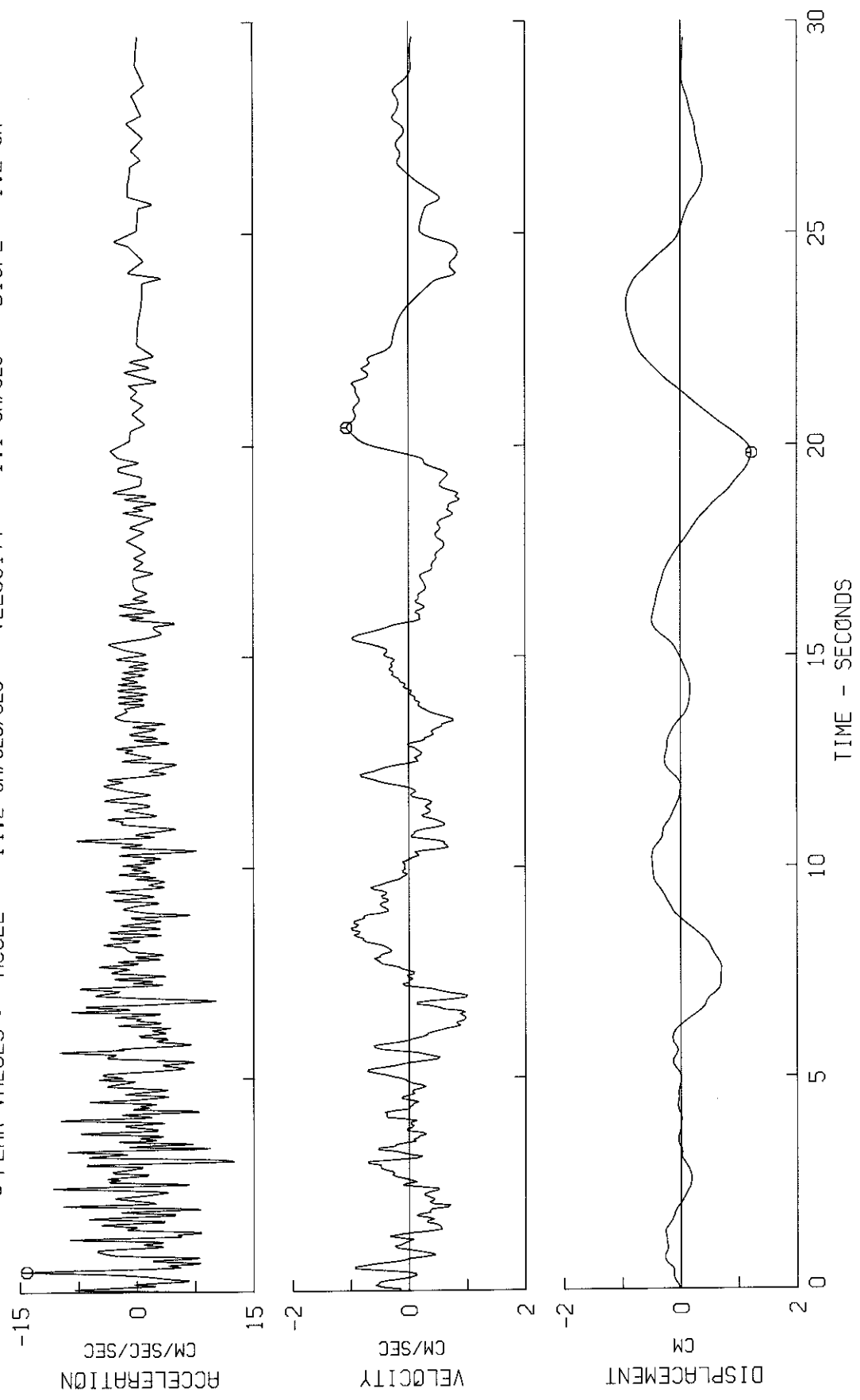




PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST

11B038 66.007.0 SAN LUIS OBISPO REC BLDG COMP N36W

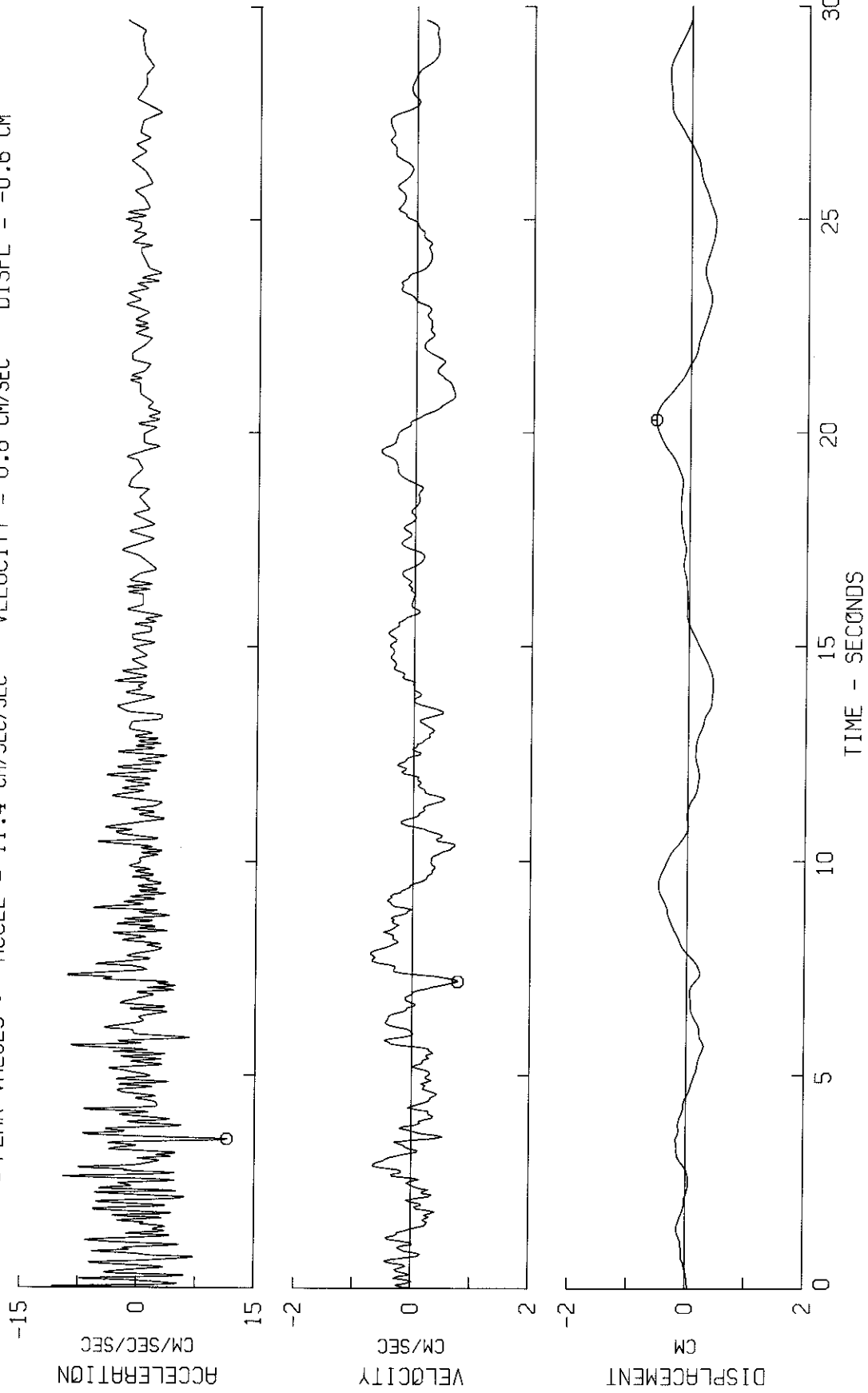
○ PEAK VALUES : ACCEL = -14.2 CM/SEC/SEC VELOCITY = -1.1 CM/SEC DISPL = 1.2 CM



# PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST

11B038 66.007.0 SAN LUIS OBISPO REC BLDG COMP S54W

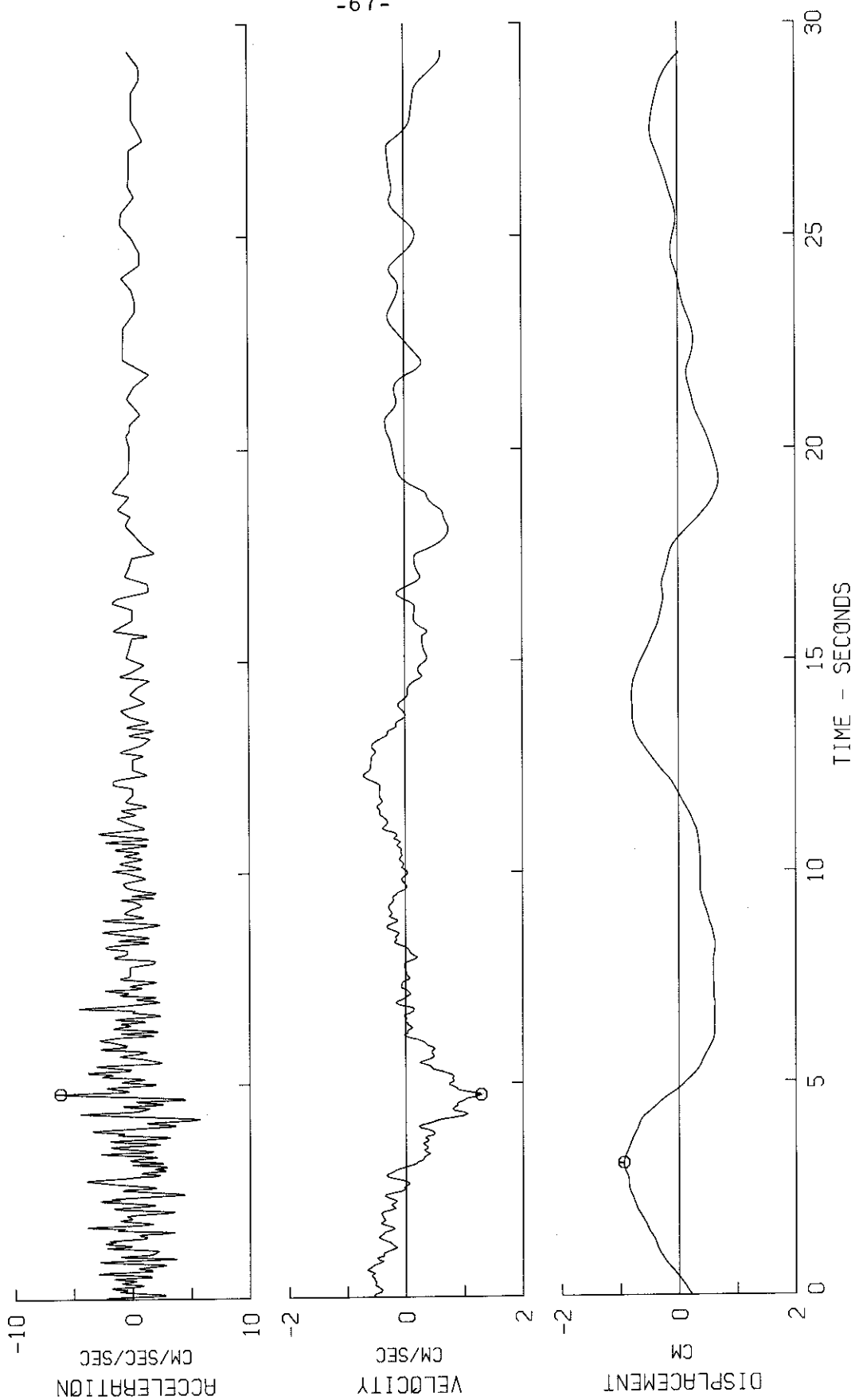
PEAK VALUES : ACCEL = 11.4 CM/SEC/SEC VELOCITY = 0.8 CM/SEC DISPL = -0.6 CM



PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST

IIB038 66.007.0 SAN LUIS OBISPO REC BLDG COMP Up

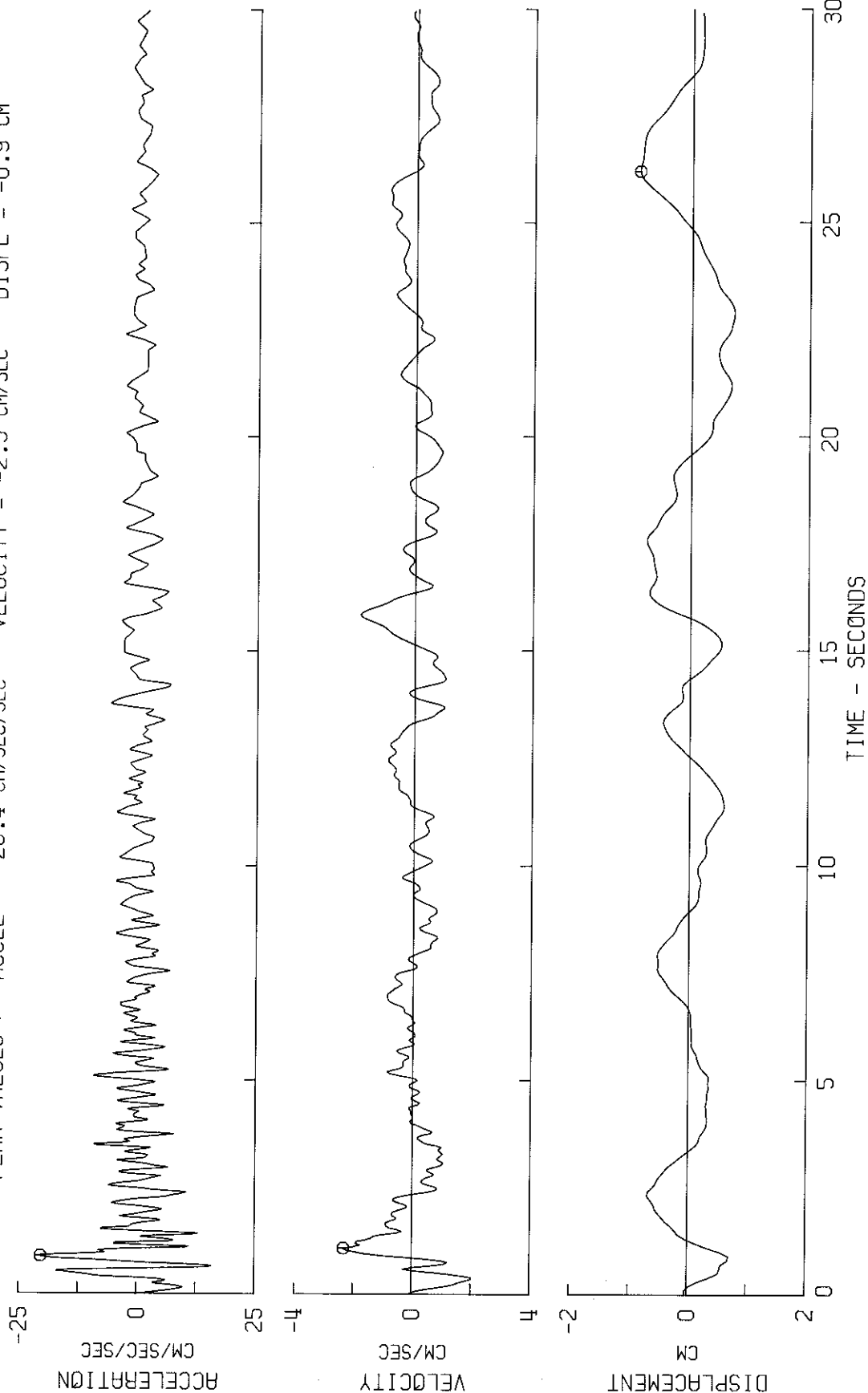
PEAK VALUES : ACCEL = -6.1 CM/SEC/SEC VELOCITY = 1.3 CM/SEC DISPL = -0.9 CM



# SECOND NORTHERN CALIFORNIA EARTHQUAKE DEC 10, 1967 - 0406 PST

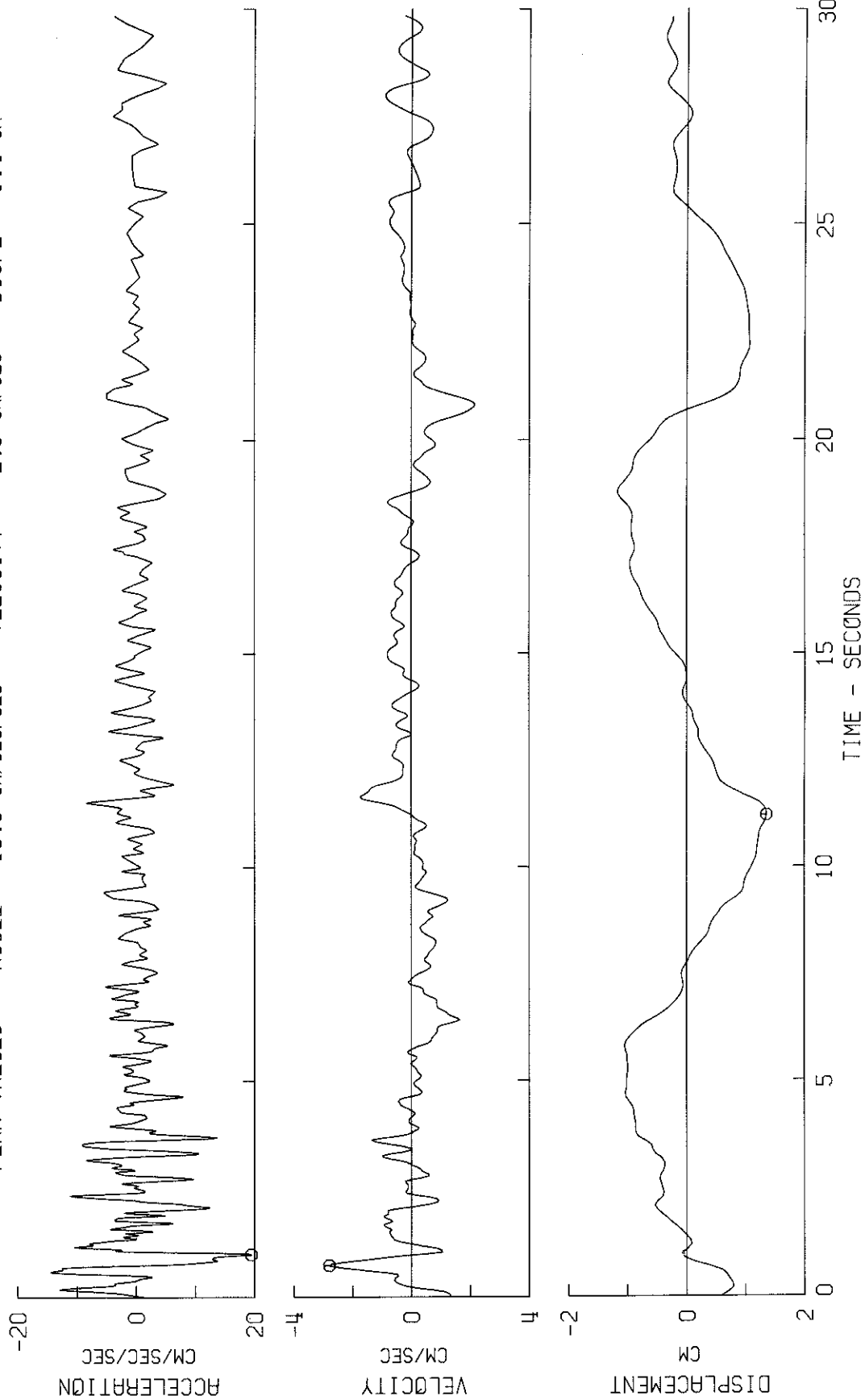
IIB039 67.004.0 EUREKA FED BLDG COMP S11E

⊙ PEAK VALUES : ACCEL = -20.4 CM/SEC/SEC VELOCITY = -2.3 CM/SEC DISPL = -0.9 CM



SECOND NORTHERN CALIFORNIA EARTHQUAKE DEC 10, 1967 - 0406 PST  
 IIB039 67.004.0 EUREKA FED BLDG COMP N79E

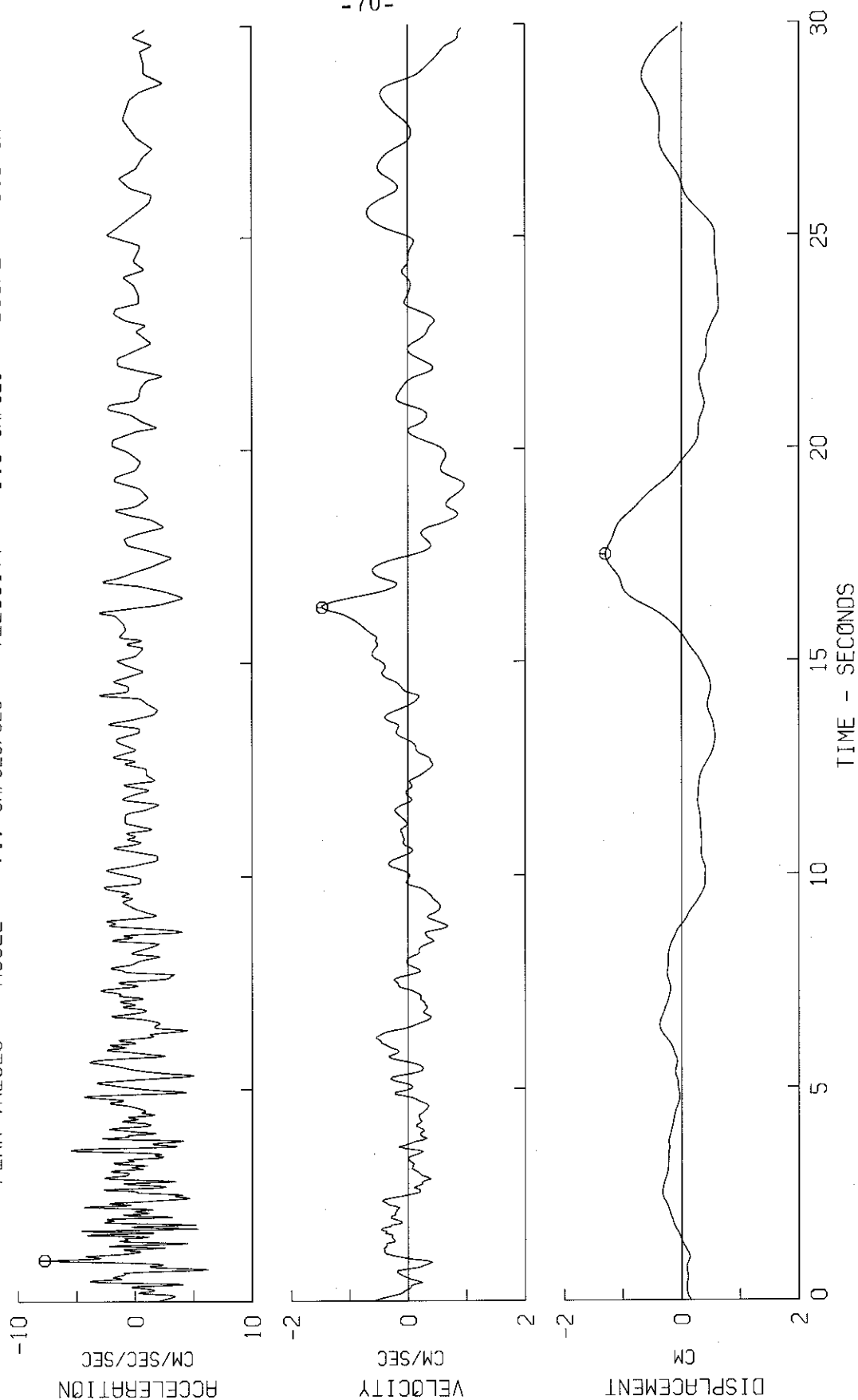
⊙ PEAK VALUES : ACCEL = 19.5 CM/SEC/SEC VELOCITY = -2.8 CM/SEC DISPL = 1.4 CM



# SECOND NORTHERN CALIFORNIA EARTHQUAKE DEC 10, 1967 - 0406 PST

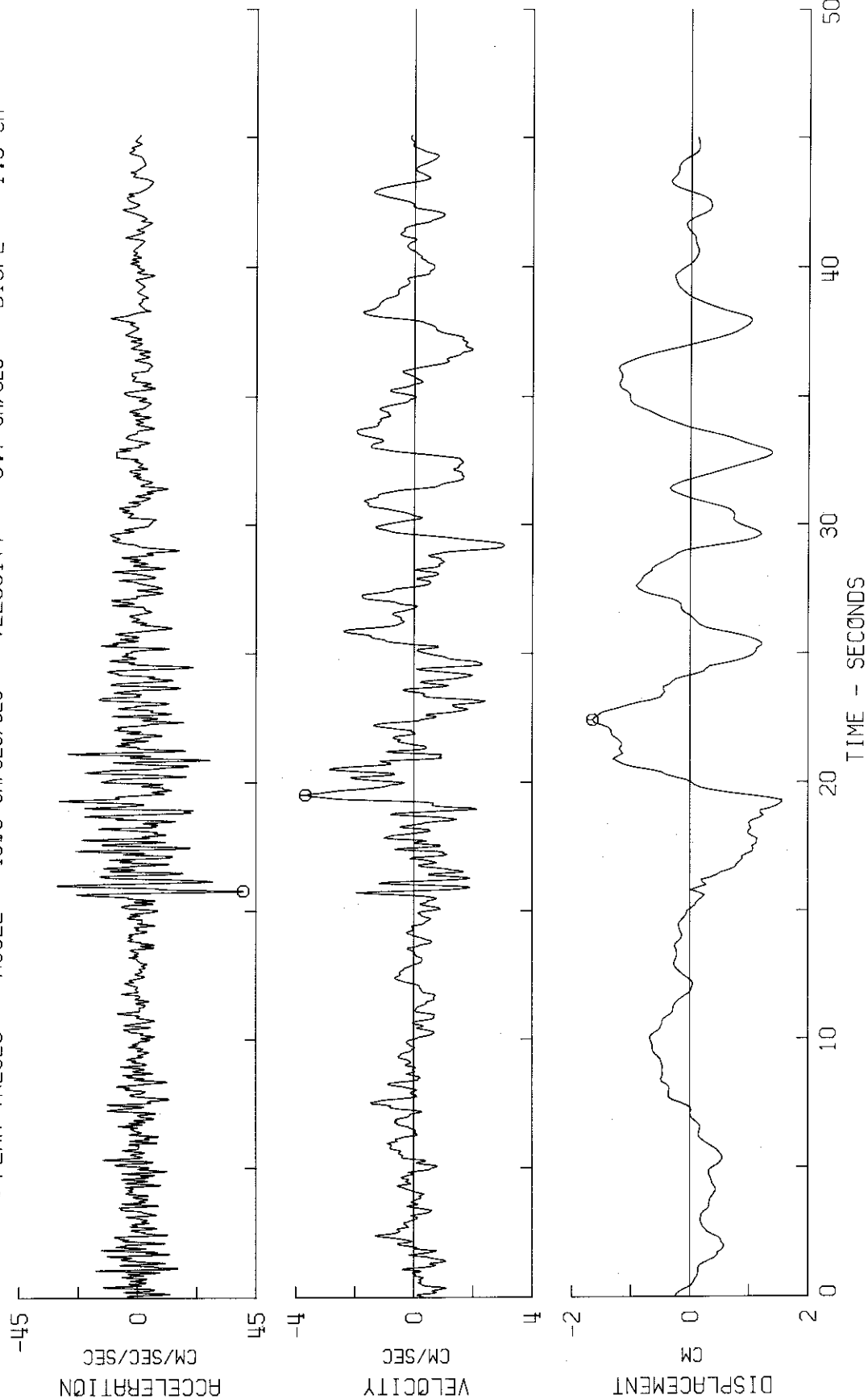
IIB039 67.004.0 EUREKA FED BLDG COMP Down

⊙ PEAK VALUES : ACCEL = -7.7 CM/SEC/SEC VELOCITY = -1.5 CM/SEC DISPL = -1.3 CM



# BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST IIB040 68.008.0 SAN ONOFRE SCE POWER PLANT COMP N33E

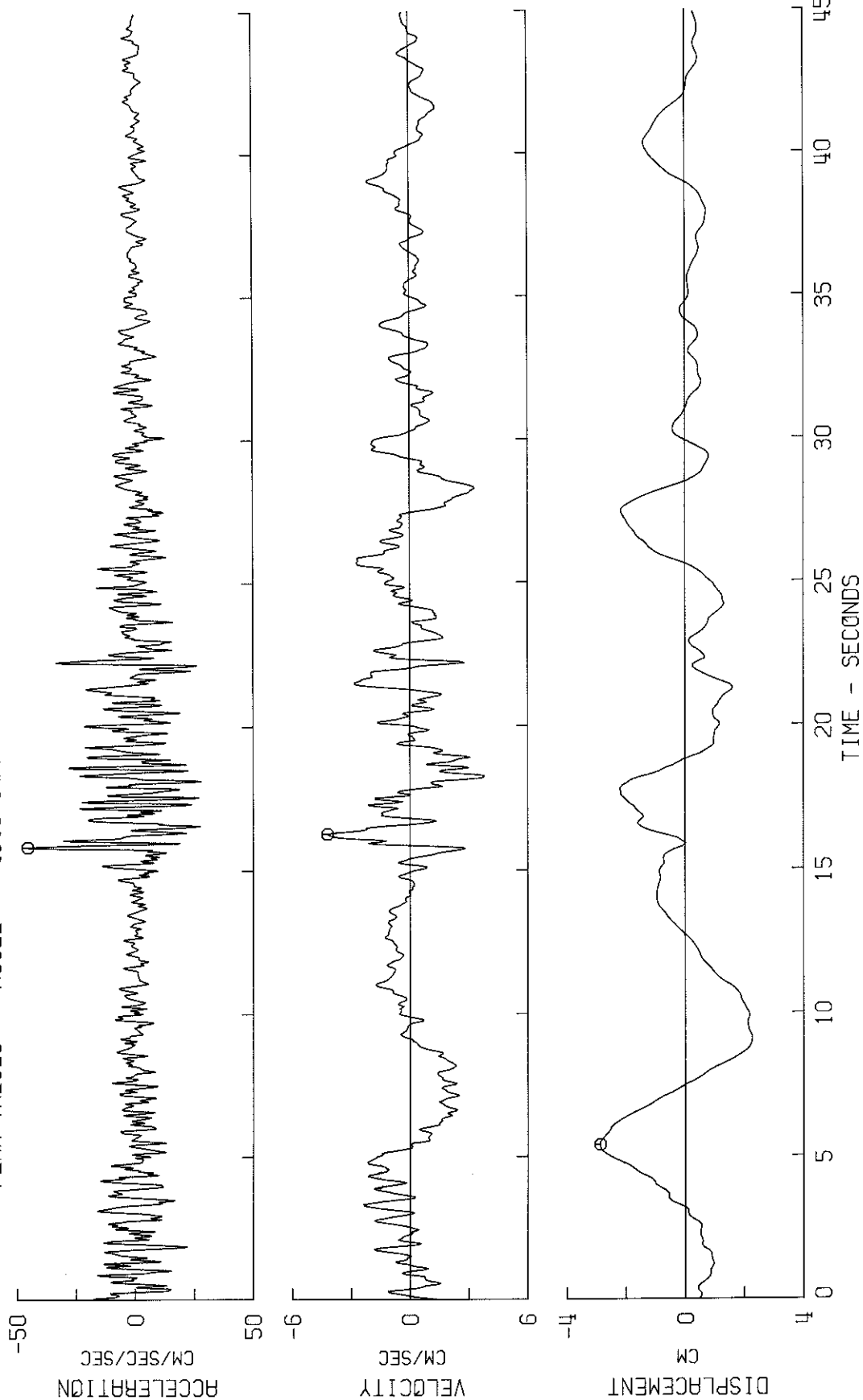
⊙ PEAK VALUES : ACCEL = 40.0 CM/SEC/SEC VELOCITY = -3.7 CM/SEC DISPL = -1.6 CM



# BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST

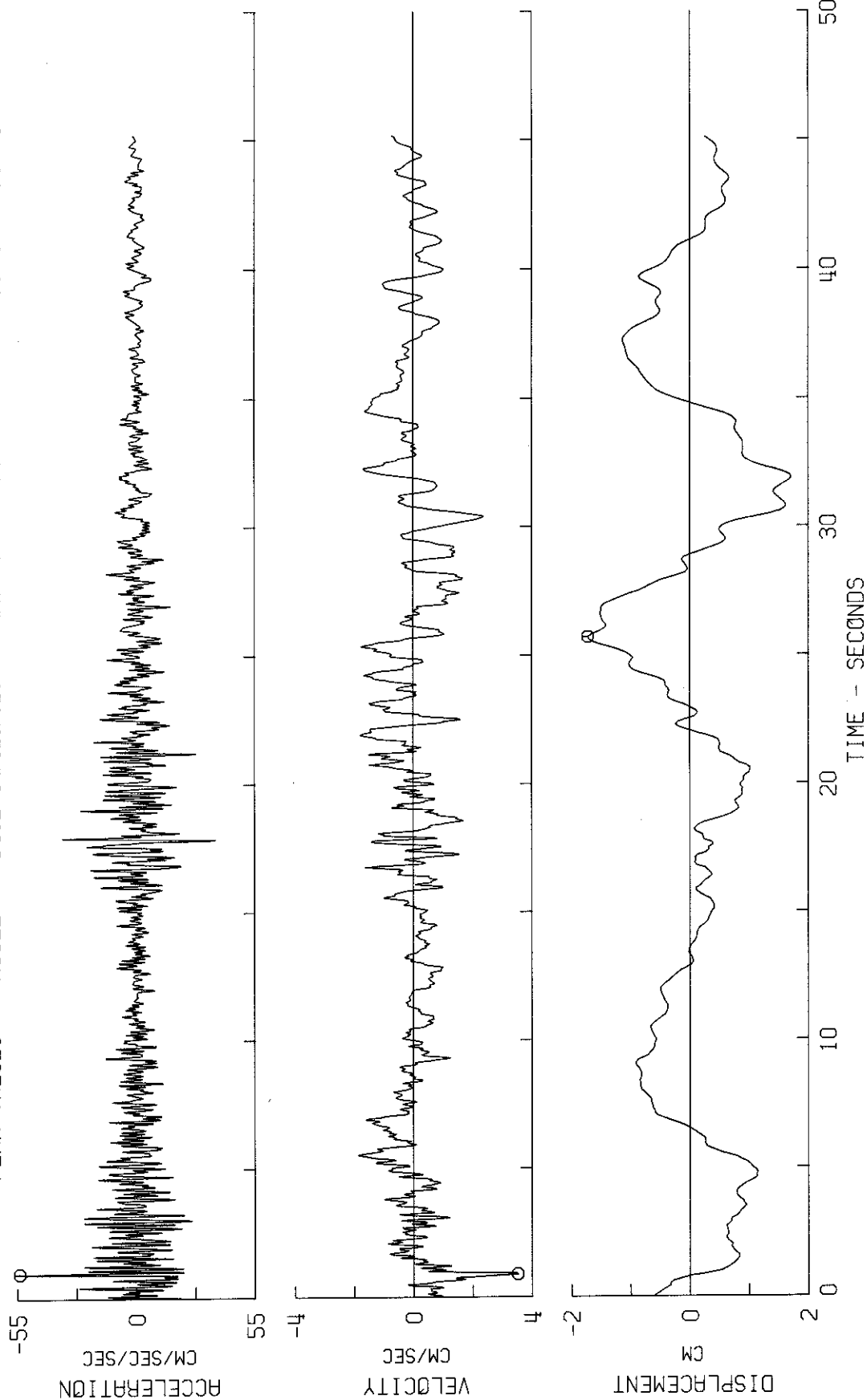
II8040 68.008.0 SAN ONOFRE SCE POWER PLANT COMP N57W

PEAK VALUES : ACCEL = -45.5 CM/SEC/SEC VELOCITY = -4.2 CM/SEC DISPL = -2.9 CM





BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST  
 118040 68.008.0 SAN ONOFRE SCE POWER PLANT COMP DOWN  
 PEAK VALUES : ACCEL = -54.2 CM/SEC/SEC VELOCITY = 3.5 CM/SEC DISPL = -1.7 CM



118021 33.001.0 LONG BEACH EARTHQUAKE MAR 10, 1933 - 1754 PST  
STATION NO. 288 VERNON CMD BLDG  
INSTR PERIOD = 0.0970 SEC DAMPING = 1.000

EPICENTER 33 35 00N, 117 59 00W  
CMP NO 8E 34 00 00N, 118 12 00W  
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS		ACLN = 130.6 CM/SEC/SEC AT 1.88 SEC		VELO = 29.0 CM/SEC AT 6.66 SEC		DISP = -15.5 CM AT 5.60 SEC	
		INITIAL VELO = 9.85456 CM/SEC		INITIAL DISP = 3.76365 CM			
4939 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC							
-12	-10	-45	37	169	174	342	-243
-243	-175	-118	-31	-4	61	98	155
4	90	174	272	462	478	185	-755
-379	-229	-172	13	-542	-360	-314	-377
177	286	356	476	644	746	851	965
-909	-1192	-1254	-754	571	861	-777	-841
557	660	659	798	-139	-293	-305	-168
285	153	-266	-57	-45	-179	-110	38
-234	-89	45	127	290	364	452	523
-259	-418	-182	-189	-199	-105	-21	39
167	201	216	242	-224	-532	-297	-193
-31	25	126	197	163	132	141	222
19	132	162	204	231	162	4	-369
139	224	-245	-338	-283	-206	-138	-85
362	300	340	402	479	454	132	-154
218	8	-93	15	141	184	238	281
235	261	274	306	315	295	348	365
-300	-233	-183	-110	-145	-204	-205	-197
-201	-349	-406	-478	-445	-401	-370	-327
-259	-226	-192	-157	-168	-187	-196	-198
-156	-23	57	146	224	266	320	306
79	81	35	-123	-266	-203	-210	-185
-233	-287	-332	-299	-261	-237	-212	-155
-115	-72	-24	30	134	158	130	116
122	117	102	65	88	134	170	174
124	4	-255	-323	-302	-258	-226	-197
-95	-59	-26	6	-117	-132	-124	-129
-160	-113	-66	-25	46	81	110	150
-47	-37	-37	-64	-163	-231	-291	-255
-13	52	108	177	123	84	53	25
-19	-25	0	34	140	188	234	281
430	393	374	364	361	378	384	399
28	38	34	29	-3	3	-1	1
-131	-67	-49	-19	41	38	-5	-18
-246	-264	-223	-190	-141	-119	-98	-77
-25	-14	-21	-29	-1	19	40	49
-76	-74	-71	-80	-56	-15	11	43
38	62	76	90	123	139	145	153
-74	-52	-34	-12	-3	-5	-2	-1
20	0	-57	-103	-164	-160	-166	-163
-12	-10	-45	37	169	174	342	-243
-243	-175	-118	-31	-4	61	98	155
4	90	174	272	462	478	185	-755
-379	-229	-172	13	-542	-360	-314	-377
177	286	356	476	644	746	851	965
-909	-1192	-1254	-754	571	861	-777	-841
557	660	659	798	-139	-293	-305	-168
285	153	-266	-57	-45	-179	-110	38
-234	-89	45	127	290	364	452	523
-259	-418	-182	-189	-199	-105	-21	39
167	201	216	242	-224	-532	-297	-193
-31	25	126	197	163	132	141	222
19	132	162	204	231	162	4	-369
139	224	-245	-338	-283	-206	-138	-85
362	300	340	402	479	454	132	-154
218	8	-93	15	141	184	238	281
235	261	274	306	315	295	348	365
-300	-233	-183	-110	-145	-204	-205	-197
-201	-349	-406	-478	-445	-401	-370	-327
-259	-226	-192	-157	-168	-187	-196	-198
-156	-23	57	146	224	266	320	306
79	81	35	-123	-266	-203	-210	-185
-233	-287	-332	-299	-261	-237	-212	-155
-115	-72	-24	30	134	158	130	116
122	117	102	65	88	134	170	174
124	4	-255	-323	-302	-258	-226	-197
-95	-59	-26	6	-117	-132	-124	-129
-160	-113	-66	-25	46	81	110	150
-47	-37	-37	-64	-163	-231	-291	-255
-13	52	108	177	123	84	53	25
-19	-25	0	34	140	188	234	281
430	393	374	364	361	378	384	399
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-131	-67	-49	-19	41	38	-5	-18
-246	-264	-223	-190	-141	-119	-98	-77
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38	62	76	90	123	139	145	153
-74	-52	-34	-12	-3	-5	-2	-1
20	0	-57	-103	-164	-160	-166	-163
-12	-10	-45	37	169	174	342	-243
-243	-175	-118	-31	-4	61	98	155
4	90	174	272	462	478	185	-755
-379	-229	-172	13	-542	-360	-314	-377
177	286	356	476	644	746	851	965
-909	-1192	-1254	-754	571	861	-777	-841
557	660	659	798	-139	-293	-305	-168
285	153	-266	-57	-45	-179	-110	38
-234	-89	45	127	290	364	452	523
-259	-418	-182	-189	-199	-105	-21	39
167	201	216	242	-224	-532	-297	-193
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19	132	162	204	231	162	4	-369
139	224	-245	-338	-283	-206	-138	-85
362	300	340	402	479	454	132	-154
218	8	-93	15	141	184	238	281
235	261	274	306	315	295	348	365
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-201	-349	-406	-478	-445	-401	-370	-327
-259	-226	-192	-157	-168	-187	-196	-198
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79	81	35	-123	-266	-203	-210	-185
-233	-287	-332	-299	-261	-237	-212	-155
-115	-72	-24	30	134	158	130	116
122	117	102	65	88	134	170	174
124	4	-255	-323	-302	-258	-226	-197
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-160	-113	-66	-25	46	81	110	150
-47	-37	-37	-64	-163	-231	-291	-255
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-19	-25	0	34	140	188	234	281
430	393	374	364	361	378	384	399
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-131	-67	-49	-19	41	38	-5	-18
-246	-264	-223	-190	-141	-119	-98	-77
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38	62	76	90	123	139	145	153
-74	-52	-34	-12	-3	-5	-2	-1
20	0	-57	-103	-164	-160	-166	-163
-12	-10	-45	37	169	174	342	-243
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4	90	174	272	462	478	185	-755
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177	286	356	476	644	746	851	965
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285	153	-266	-57	-45	-179	-110	38
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167	201	216	242	-224	-532	-297	-193
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19	132	162	204	231	162	4	-369
139	224	-245	-338	-283	-206	-138	-85
362	300	340	402	479	454	132	-154
218	8	-93	15	141	184	238	281
235	261	274	306	315	295	348	365
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-201	-349	-406	-478	-445	-401	-370	-327
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79	81	35	-123	-266	-203	-210	-185
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122	117	102	65	88	134	170	174
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43	38	54	78	97	114	131	121	102	91	79	68	68	59	68	75	86	95	86	47	17
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-67	-60	-49	-52	-69	-82	-92	-103	-113	-125	-115	-94	-94	-80	-59	-23	-20	-27	-27	-26	-26
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8	3	-4	-7	1	6	11	14	31	67	88	109	109	113	110	113	108	91	77	63	51
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-62	-66	-67	-65	-66	-60	-48	-39	-34	-38	-37	-48	-48	-64	-78	-84	-77	-74	-70	-72	-76
-80	-83	-85	-75	-59	-47	-35	-32	-32	-30	-28	-26	-26	-23	-21	0	23	43	45	35	33
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118021 33.001.0 LONG BEACH EARTHQUAKE MAR 10, 1933 - 1754 PST EPICENTER 33 35 00N, 117 59 00W  
STATION NO. 288 VERNON CMD BLDG COMP S82E 34 00 00N, 118 12 00W  
INSTR PERIOD = 0.1000 SEC CAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -151.5 CM/SEC/SEC AT 2.14 SEC VELO = 17.3 CM/SEC AT 1.90 SEC DISP = -17.5 CM AT 1.70 SEC

INITIAL VELO = -4.72574 CM/SEC INITIAL DISP = 2.03554 CM									
4922 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
-123	-151	-168	-182	-200	-213	-232	-243	-264	-274
-213	-136	-59	20	88	167	236	297	198	239
-369	-289	-241	-182	-133	-83	-46	-18	-105	-179
506	218	-402	-592	-432	-328	-148	29	196	291
45	298	364	545	618	767	862	959	576	1022
-125	-62	51	127	145	-467	-953	-1515	-1256	-577
-498	-483	-338	-158	-10	147	327	431	546	650
-111	22	83	226	245	386	377	570	-30	-31
-452	-107	-264	-88	-74	-44	-195	-233	-359	-270
25	114	198	289	377	386	39	49	131	205
-187	-140	-95	-58	-199	-397	-386	-298	-230	-153
-168	-55	97	125	-14	-67	56	123	254	345
1	40	125	146	220	225	299	-168	-210	-100
-313	-238	-164	-70	21	124	215	313	92	-106
-217	-248	-224	-166	-120	-63	-130	-201	-268	-189
41	99	157	228	300	331	265	258	280	301
-21	47	90	184	42	-255	-184	-156	-94	-26
6	-3	39	96	160	129	94	114	208	257
-480	-488	-475	-509	-506	-540	-520	-473	-424	-371
-247	-217	-243	-332	-429	-425	-356	-310	-238	-173
-17	53	107	179	240	298	161	112	132	127
242	175	107	45	-25	-77	-134	-139	-107	-82
-495	-437	-398	-333	-253	-194	-129	-72	5	42
56	-6	-84	-150	-137	-112	-89	-55	-27	5
6	-52	-103	-163	-215	-184	-155	-128	-118	-111
281	146	-24	-88	-55	-51	-15	10	44	70
353	283	157	193	220	244	252	122	3	-52
9	16	23	55	96	132	180	169	88	34
37	-13	-4	32	47	-71	-123	-133	-202	-265
-115	-70	-39	11	-2	-51	-22	-31	8	44
-131	-154	-173	-187	-206	-204	-195	-189	-176	-145
156	202	246	247	247	215	178	144	110	71
212	156	58	92	110	116	141	124	83	45
221	172	117	37	1	16	14	-2	-27	-64
-112	-76	-28	20	70	97	121	144	163	151
51	17	-24	-66	-88	-49	-21	17	56	53
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21	28	-15	-40	-46	-79	-149	-163	-173	-164
-91	-148	-194	-206	-164	-149	-102	-127	-180	-234
21	15	-9	-27	-19	-6	6	22	33	23
-129	-136	-151	-171	-188	-193	-209	-256	-224	-165
-151	-70	-39	11	-2	-51	-22	-31	8	44
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-112	-76	-28	20	70	97	121	144	163	151
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-91	-148	-194	-206	-164	-149	-102	-127	-180	-234
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11B021 33.0C1.0 LCHG BEACH EARTHQUAKE MAR 10, 1933 - 1754 PST EPICENTER 33 35 00N, 117 59 00W  
 STATION NO. 288 VERNON CMD BLDG COMP UP 34 00 00N, 118 12 00W  
 INSTR PERIOD = 0.1040 SEC DAMPING = 0.650 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = 149.5 CM/SEC/SEC AT 1.00 SEC VELC = 12.0 CM/SEC AT 1.44 SEC CISP = 7.4 CM AT 2.18 SEC

INITIAL VELC = -2.04621 CM/SEC INITIAL DISP = -1.28544 CM

4934 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
-23	62	78	142	157	220	234	298	312	374
-108	-15	36	87	58	76	62	54	17	-111
131	54	123	34	58	-81	11	-249	429	648
455	408	-43	29	194	264	448	402	68	201
263	478	210	82	-12	-26	-18	-16	-91	-85
-305	-35	237	516	665	-34	-326	-263	-352	-397
6	95	171	270	154	-25	-160	-150	-124	-112
-76	-23	26	73	136	56	-283	-197	-170	-116
-4	123	127	122	68	2	-50	16	75	139
246	-162	114	116	238	357	218	-247	35	13
152	2	-82	-45	-32	-28	-16	-37	-129	-116
206	149	-170	-30	-20	33	37	88	77	52
-172	-113	-40	-17	72	71	209	-191	-309	-80
98	91	76	59	18	-45	-65	-55	-52	-18
-28	-29	50	93	180	102	-73	-183	-117	-52
15	22	80	75	7	-55	-45	-18	7	59
11	-11	-36	-60	-72	-56	-45	-98	-116	-42
-39	-88	-145	-176	-133	-108	-71	-39	1	31
18	24	28	55	123	150	221	-9	-109	8
-27	1	45	76	38	0	26	40	61	15
-3	86	173	106	-135	-193	-127	-88	-37	26
-27	26	65	99	-49	-48	-69	-90	-104	-68
44	43	36	38	8	-54	-99	-73	-49	-26
92	62	13	-22	-64	-8	31	82	80	79
3	-35	-93	-92	-45	21	-14	-53	-35	-63
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40	37	64	90	113	67	21	-26	-64	-68
-50	-56	-27	-16	-39	-48	-31	-58	-108	-144
-28	-38	-44	-25	-2	2	-13	-20	-33	-34
42	35	-3	-28	-19	3	20	23	-4	-17
-76	-53	-67	-53	-40	-39	-30	-27	-19	-25
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21	31	49	53	43	39	17	-20	-12	-6
-48	-90	-81	-50	-30	0	12	-36	-28	-3
64	41	29	50	53	16	-8	-42	-29	-3
105	64	39	5	19	33	49	54	33	18
81	66	48	42	50	53	60	67	73	82
23	25	46	58	77	94	113	123	90	65
27	33	44	-25	-63	-20	-7	11	-8	-16
-75	-81	-61	-44	-27	-7	-11	-17	-22	-29
-389	-433	-389	-433	-389	-433	-389	-433	-389	-433
-65	-130	-65	-130	-65	-130	-65	-130	-65	-130
-43	-39	-43	-39	-43	-39	-43	-39	-43	-39
-880	-662	-880	-662	-880	-662	-880	-662	-880	-662
-486	-816	-486	-816	-486	-816	-486	-816	-486	-816
218	86	218	86	218	86	218	86	218	86
-303	-282	-303	-282	-303	-282	-303	-282	-303	-282
94	-94	94	-94	94	-94	94	-94	94	-94
-95	-90	-95	-90	-95	-90	-95	-90	-95	-90
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-336	-336	-336	-336	-336	-336	-336	-336	-336	-336
-275	-275	-275	-275	-275	-275	-275	-275	-275	-275
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IIB022 33.006-0 SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST EPICENTER 33 47 00N, 118 08 00W  
STATION NO. 134 HOLLYWOOD STORAGE BLDG PENTHOUSE COMP 500E 34 05 00N, 118 20 00W  
INSTIR PERIOD = 0.0990 SEC CAMPING = 0.416 ACCELEROGRAM IS EANE-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = 43.3 CM/SEC/SEC AT 0.20 SEC VELO = -5.2 CM/SEC AT 5.40 SEC EISP = -1.9 CM AT 5.74 SEC

INITIAL VELC = -0.58544 CM/SEC INITIAL DISP = -0.13190 CM

4488 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-170	-70	-36	-83	-146	-92	126	248	326	387	433	357	323	254	158	72	-21	-110	-167	-241
-307	-353	-407	-329	-240	-135	-158	-177	-127	-107	-55	18	113	197	306	314	267	230	149	90
0	-80	-162	-190	-151	-114	-38	65	116	139	168	177	185	158	114	14	21	18	45	52
-46	-128	-234	-205	-184	-152	-160	-160	-172	-118	-78	-6	79	118	148	179	183	177	167	155
92	1	-60	-96	-124	-130	-138	-138	-129	-117	-106	-92	-85	-71	-67	-25	55	109	150	184
135	88	31	-26	-81	-137	-167	-158	-154	-135	-124	-115	-72	-1	25	69	58	129	149	124
107	88	56	15	-28	-57	-31	-12	24	62	78	64	73	76	82	93	73	33	6	-31
-61	-100	-148	-188	-159	-140	-98	-63	-72	-79	-63	-34	-6	37	45	49	48	39	31	28
35	39	47	58	105	147	202	234	188	160	73	-22	-81	-146	-212	-200	-151	-104	-33	31
21	-11	-46	-104	-139	-155	-169	-179	-158	-119	-83	-34	9	51	100	151	209	221	197	182
141	54	33	66	90	143	164	143	124	90	44	-20	-82	-152	-208	-183	-165	-129	-89	-52
-62	-63	-81	-99	-128	-154	-209	-200	-182	-156	-122	-61	53	123	150	182	191	202	210	221
229	236	214	198	172	145	67	9	-54	-104	-107	-114	-120	-138	-154	-160	-148	-144	-127	-154
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223	208	201	194	188	184	178	174	166	148	133	110	67	28	-4	-34	-57	-78	-94	-130
-156	-165	-182	-157	-135	-86	-36	27	85	108	149	168	198	182	160	132	81	31	17	-8
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-57	-55	-65	-70	-84	-68	-7	45	123	161	152	148	123	102	75	75	102	122	155	188
225	209	176	141	90	26	-40	-91	-123	-155	-156	-162	-161	-153	-115	-89	-51	-14	23	62
85	78	69	53	4	-80	-142	-144	-149	-135	-110	-84	-58	-25	-2	27	53	51	45	35
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69	25	-16	-46	-20	3	39	85	83	45	17	-37	-80	-131	-122	-100	-73	-33	-33	-50
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64	88	101	113	124	131	139	148	155	164	168	155	143	128	86	33	-14	-67	-114	-130

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202	199	192	179	167	152	138	124	113	89	22	11	-27	-46	-68	-87	-98	-94	-112	-122
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293	293	277	259	238	220	177	115	93	53	27	-2	-62	-125	-154	-152	-217	-218	-213	-207
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6	8	11	13	14	16	14	12	10	8	5	3	0	-3	-6	-11	-11	-5	-7
-4	-1	2	5	6	8	9	10	12	12	10	8	6	4	1	-3	-4	-6	-8
-9	-11	-13	-12	-11	-10	-8	-7	-5	-4	-2	0	2	4	6	11	10	8	6
4	2	0	-3	-4	-6	-7	-8	-9	-10	-9	-8	-6	-5	-3	-2	-1	-3	-6
-6	-3	5	3	5	-8	-3	-2	2	5	-3	-9	-5	-2	4	11	14	15	15
15	14	14	13	12	11	9	7	6	4	2	2	3	4	5	7	8	8	8
7	6	5	4	4	3	2	2	1	1	0	-3	-5	-5	-10	-10	-9	-5	-8
-8	-7	-8	-8	-9	-9	-10	-10	-11	-8	-3	-3	7	10	14	8	3	-2	-4
-8	-10	-12	-14	-15	-12	-10	-6	-3	0	1	3	3	4	4	6	7	8	9
10	11	13	14	15	14	12	10	7	5	2	0	-3	-5	-7	-11	-10	-5	-7
-5	-3	-1	1	1	0	-2	-4	-4	-3	-3	-2	0	1	2	5	7	8	10
12	11	9	7	4	2	6	7	7	-10	-10	-10	-10	-9	-8	-6	-5	-3	-2
0	1	3	4	5	5	0	1	2	6	6	5	4	5	3	2	1	0	0
-1	-1	-2	-1	-1	-4	0	-3	-2	2	3	4	4	5	6	6	5	4	3
2	0	4	-2	-3	1	-1	-2	-4	-6	-7	-9	-11	-12	-14	-15	-14	-12	-8
7	6	4	3	2	6	10	12	14	16	18	17	14	11	-14	-15	-14	-12	-11
-9	-8	-5	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17
11	14	10	7	2	-4	-9	-10	-12	-14	-16	-18	-20	-22	-24	-26	-28	-30	-33





-5	2	4	1	2	1	3	0	0	5	1	-2	-1	-2	0	-2	-3	2	5	-2	-1	-1	-4	-3	-3	1	1	0	4	-1	0	1	2	2	1	-4	-1	0	2	2	1	1	-2	-1	0	0	4				
-5	4	4	0	3	1	3	0	2	4	-1	-2	-1	-1	-3	1	-3	-2	3	4	-3	-2	-1	-3	-3	-3	1	1	0	3	-1	0	1	3	2	0	-4	-1	0	2	1	1	1	-2	-2	0	0	4			
-4	5	4	-1	4	1	3	-1	3	3	-2	-2	-1	0	-3	1	-3	-2	3	3	-4	-2	-2	-3	-3	-2	1	1	0	3	-2	-1	2	3	2	-1	-3	-1	0	2	1	1	1	-2	-2	-1	0	4			
-4	5	4	-1	4	0	3	-2	4	3	-3	-2	0	0	-3	2	-3	-2	2	3	-5	-2	-2	-2	-4	-2	1	1	1	-3	-2	-1	3	4	2	-1	-1	0	-2	1	1	1	-1	-3	-1	1	-4				
-3	4	4	-2	4	-1	2	-3	4	2	-4	-1	0	0	-3	2	-3	-1	2	2	-6	-2	-2	-2	-4	-2	1	1	1	-3	-3	-1	3	5	1	-3	-1	0	-1	2	1	1	1	-1	-3	-1	1	-4			
-3	4	4	-2	4	-1	2	-3	5	1	-5	-1	-1	-1	-3	2	-3	-1	1	2	-7	-2	-1	-1	-4	-2	1	1	1	-2	-3	-1	4	5	0	-4	1	0	-1	-2	1	1	1	0	-1	-3	-1	1	-3		
-2	4	2	-3	4	-2	-4	6	1		-5	-1	-1	-1	-3	3	-3	-1	0	1	-7	-1	-1	-1	-4	-1	1	1	-1	2	-3	-1	4	6	-1	-4	1	0	-1	-2	1	2	1	0	-1	-4	-1	1	-3		
-2	3	1	-3	4	-2	-4	7	0		-4	-1	-1	-2	-3	3	-3	0	0	1	-6	-1	-1	-1	-5	-1	1	1	-1	2	-2	-1	4	6	-2	-4	2	1	-1	2	1	2	0	0	-4	-1	2	-1	3		
-1	3	-1	-3	4	-3	-4	7	-1		-4	0	-1	-3	-3	4	-2	0	0	0	-4	-1	-1	-1	-5	-1	1	2	-1	2	0	-1	4	5	-2	-4	3	1	-2	1	1	2	0	1	0	-4	-1	2	-1	2	
-1	3	-2	-2	4	-3	0	-2	8	-2	-4	0	-1	-3	-3	4	-2	0	0	-1	-2	0	-1	0	5	-1	1	2	2	-1	2	1	0	4	4	-3	-4	1	-2	1	1	2	0	1	0	-5	-1	2	-2	2	
0	2	-4	-1	4	-4	-1	-1	9	-3	-3	0	-2	-4	-3	4	-2	0	0	-1	0	0	0	0	4	0	0	1	2	-1	2	2	0	4	3	-4	-3	-5	1	-2	1	1	2	0	2	0	-5	-1	2	-2	2
1	2	-5	0	4	-4	-1	0	8	-4	-2	1	-2	-4	-3	4	-2	1	-3	-2	1	1	0	0	3	0	0	2	2	-1	1	4	0	4	2	-5	-2	6	1	-2	1	1	2	0	2	0	-4	-1	2	-2	1
1	1	-5	1	4	-4	-2	2	8	-5	-1	1	-2	-5	-3	4	-2	0	-3	-2	1	1	0	0	2	0	-2	0	0	1	5	0	4	1	-5	-1	6	1	-2	1	1	2	0	2	0	-4	-1	1	-2	1	
2	0	-6	2	4	-4	-3	3	7	-6	0	1	-2	-5	-3	3	-1	0	-4	-3	2	0	0	1	1	1	-2	2	0	1	6	0	4	-1	-4	0	6	0	-2	1	1	2	0	2	0	-4	-1	1	-2	1	
2	0	-6	3	3	-3	-4	4	6	-6	1	2	-3	-5	-3	2	-1	0	-4	-3	2	0	0	1	1	-3	2	0	1	6	0	4	-1	-3	1	5	-1	-2	1	1	2	0	2	0	-4	-1	1	-2	1		
3	-1	-6	3	3	-4	4	5	-7		3	2	-3	-5	-3	1	-1	-1	-4	-3	3	2	0	0	0	1	-3	2	0	1	5	0	3	-2	-2	3	5	-2	-2	1	1	2	0	2	0	-3	-1	1	-1	1	
3	-2	-5	3	3	-4	4	4	-7		4	3	-4	-4	-2	1	-1	-1	-4	-3	4	2	0	0	-1	-4	2	0	1	5	0	3	-2	-2	3	4	-2	-2	0	1	2	0	2	-1	-3	0	1	-1	0		
2	-3	-3	2	-1	-4	4	3	-5		5	3	-3	-2	0	0	-1	-1	-4	-2	4	0	0	-2	-4	1	0	0	5	0	0	-1	-1	3	4	-3	-2	0	1	2	0	2	-1	-3	-1	0	-1	0			
1	-4	-1	4	2	0	-1	4	2	-3	6	3	-3	-1	0	0	-2	-3	-1	-1	4	1	0	-2	-4	1	0	0	4	0	0	-1	-0	3	3	-4	-2	0	1	2	0	2	-2	-1	0	-1	0				
0	-4	1	1	1	0	4	1	-2		6	2	-2	-1	0	-2	-3	1			5	0	-1	-4	2	-3	1	0	4	-1	1	0	1	1	2	2	-4	-1	0	1	2	1	2	-2	-1	0	0	0			



II8023 33.007.0  
STATION NC. 133  
INSTR PERIOD = 0.0990 SEC DAMPING = 0.456

SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST  
HOLLYWOOD STORAGE BLDG BASEMENT  
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 33 47 00N, 118 08 00W  
CCMP SOURCE 34 05 00N, 118 20 00W

PEAK VALS ACIN = 32.1 CM/SEC/SEC AT 0.12 SEC VELO = -2.0 CM/SEC AT 5.48 SEC DISF = -0.8 CM AT 9.38 SEC

INITIAL VELO = -1.04104 CM/SEC INITIAL DISP = -0.36577 CM

3743 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-250	-103	-16	78	173	271	321	294	294	214	88	-19	-112	-206	-246	-242	-166	-89	-18	-9
11	10	11	19	41	59	96	144	155	105	64	34	7	-12	-47	-106	-151	-122	-54	-50
-13	-13	4	12	24	27	24	20	41	68	57	75	40	2	-48	-85	-65	-52	-22	-1
-13	-20	-38	-40	-3	28	70	71	69	61	51	55	62	58	11	-35	-66	-56	-54	-34
-39	-45	-56	-66	-69	-72	-63	-17	16	45	78	91	66	49	16	-3	-13	-18	-15	-13
-4	18	7	-9	-26	-52	-56	-41	-30	-9	5	-5	-15	-21	-25	-27	-22	-19	-14	-5
10	12	8	2	4	15	25	39	48	37	27	14	13	11	13	6	-24	-39	-47	-57
-63	-62	-54	-48	-36	-24	-10	14	39	65	87	64	45	17	-15	-21	-16	-12	1	22
48	62	80	85	78	71	59	18	-4	-26	-49	-63	-77	-92	-95	-80	-69	-56	-44	-32
-29	-25	-23	-22	-15	-19	5	37	60	88	118	118	81	55	24	-5	-34	-58	-57	-59
-48	-28	-8	13	34	54	72	58	41	20	-4	-27	-39	-45	-52	-43	-31	-22	-29	-33
-44	-53	-59	-64	-67	-34	-10	29	43	39	37	27	17	7	-2	7	14	26	31	34
37	39	40	43	43	30	18	3	-2	-2	-3	-1	2	-6	-43	-78	-103	-89	-82	-61
-55	-48	-45	-41	-38	-34	-46	-41	-46	-54	-60	-68	-54	-28	-5	28	44	43	46	41
38	32	30	24	27	50	72	98	119	94	76	42	4	-23	-35	-56	-31	-6	32	74
106	121	130	124	116	71	35	-14	-51	-90	-124	-160	-150	-126	-101	-65	-32	1	36	61
40	24	-4	-33	-61	-90	-83	-69	-58	-42	-21	9	36	67	78	52	99	93	88	78
53	28	13	2	-8	-11	6	20	39	44	47	37	24	-12	-57	-84	-57	-111	-119	-108
-54	-46	21	48	96	81	66	40	12	-18	-19	-12	-4	10	24	39	54	67	73	60
45	26	-6	-38	-70	-90	-112	-119	-107	-103	-65	3	49	80	114	131	111	99	57	-31
-86	-134	-164	-199	-196	-142	-85	5	74	120	139	113	94	58	25	-6	-10	-3	2	13
22	32	38	41	46	43	33	13	-19	-39	-54	-70	-83	-88	-66	-48	-27	-7	4	13
22	29	37	45	45	31	21	6	5	3	5	4	-2	-7	-15	-22	-31	-37	-47	-35
-13	4	27	33	43	48	55	53	49	45	40	34	25	15	6	-3	-10	-19	-12	0
25	46	54	68	64	59	53	49	43	40	29	14	-1	-10	-16	-23	-27	-32	-32	-30
-28	-24	-16	-8	0	7	16	10	-4	-17	-35	-52	-62	-59	-58	-53	-47	-41	-34	-26
-19	-20	-23	-26	-30	-32	-35	-38	-43	-49	-50	-36	-20	12	35	48	52	57	56	57
54	52	48	44	40	36	31	32	43	50	64	59	34	22	5	-3	-10	-15	-21	-23
-22	-20	-18	-15	-19	-26	-34	-43	-52	-55	-49	-44	-33	-20	-11	-3	4	11	16	13
11	7	8	9	11	13	7	-3	-12	-24	-35	-37	-25	-14	0	22	52	56	64	69
59	39	17	-8	-24	-45	-51	-46	-36	-19	-3	7	18	26	24	24	21	19	17	16
15	13	13	5	-6	-8	-12	-14	-15	-16	-18	-21	-24	-28	-32	-35	-40	-36	-15	-5
12	21	25	30	32	35	34	31	28	25	23	21	20	18	17	16	11	-9	-26	-46
-45	-46	-42	-38	-35	-31	-28	-25	-19	-13	-7	0	3	2	3	-4	-14	-23	-32	-43
-42	-37	-32	-21	5	28	48	67	74	79	82	77	72	66	56	45	34	23	10	6
5	3	4	3	-5	-13	-24	-36	-48	-59	-58	-58	-55	-52	-48	-38	-28	-17	-1	15
29	44	52	56	58	46	36	22	7	-10	-24	-39	-54	-67	-58	-50	-38	-23	7	33
63	74	81	85	77	69	60	50	39	27	14	1	-12	-18	-21	-24	-25	-26	-31	-39
-47	-55	-59	-65	-69	-74	-73	-69	-64	-58	-53	-49	-45	-38	-22	-8	-25	-27	35	42
48	58	78	83	88	92	94	83	75	49	11	-2	-23	-31	-37	-41	-43	-41	-38	-20





5	-7	0	7	-3	3	1	2	1	-1	4	-3	0	2	-1	-2	-3	-4	6	0	2	3	-5	3	3	-1	3	0	1	-3	2	0	-1	-3	4	0	-1	2	0	2	-2	-4	3	4	-6	
4	-7	0	6	-3	3	2	1	0	-1	3	-3	-1	2	0	-2	-3	-4	6	-1	1	2	-5	3	3	-1	3	0	0	-3	2	1	-1	-3	4	0	-1	1	0	3	-2	-2	3	4	-5	
4	-7	0	6	-2	-3	2	2	0	-1	3	-2	-1	2	1	-3	-3	-4	6	-1	1	2	-4	2	4	-2	3	0	-1	-3	2	1	-1	-3	3	0	-1	0	-1	3	-3	-2	3	4	-4	
3	-7	-1	5	-2	-3	2	2	0	-1	2	-2	-2	2	1	-3	-3	-4	6	-1	1	2	-4	2	4	-3	4	0	-1	-3	1	1	-1	-2	3	0	-1	0	-2	4	-3	-1	-4	3	4	-3
2	-7	-1	5	-1	-3	2	2	-1	0	1	-2	-2	1	2	-3	-3	-4	6	-1	0	1	-3	1	4	-4	4	0	-2	-3	1	1	-1	-2	2	0	-1	-1	-2	4	-3	-1	-4	2	4	-3
2	-7	-1	5	0	-3	1	3	-1	1	1	-1	-1	1	2	-3	-3	-4	6	-1	0	1	-3	1	4	-5	4	0	-2	-2	1	1	-1	-2	2	0	-1	-1	-2	5	-4	-1	-4	2	4	-2
1	-6	-1	4	0	-3	1	3	-1	2	0	-1	-1	1	2	-3	-3	-4	6	-1	0	0	-2	0	5	-6	4	0	-3	-2	0	2	-1	-2	1	0	-2	-3	5	-4	-1	-3	1	4	-2	
0	-5	-2	4	1	-3	0	3	-2	2	0	-1	-4	0	3	-4	-3	-4	5	-1	0	0	-2	0	5	-6	4	0	-3	-1	0	2	-2	1	0	-3	-2	5	-4	-1	-3	1	4	-1		
-1	-4	-2	4	1	-3	0	3	-2	3	-1	-1	-4	0	3	-4	-3	-4	5	-1	0	-1	-1	-1	5	-7	4	0	-3	0	0	2	-2	0	1	0	-3	-1	4	-3	-1	-3	0	4	0	
-1	-3	-2	3	2	-3	0	3	-2	3	-2	0	-4	0	3	-4	-3	-4	5	-1	0	-1	0	-1	6	-6	4	0	-2	1	0	2	-1	-1	1	0	-4	-1	4	-3	-1	-3	0	4	0	
-2	-1	-2	3	3	-4	-1	3	-2	3	-2	0	-4	0	3	-4	-3	-4	4	0	0	-2	0	-2	6	-5	4	1	-2	1	-1	2	-1	-1	1	0	-5	0	4	-3	-1	-3	-1	4	0	
-2	0	-2	3	3	-4	-1	3	-2	3	-2	1	-4	0	3	-4	-3	-4	4	0	0	-2	1	-3	7	-4	4	1	-2	2	-1	3	0	-1	-2	1	0	-5	1	4	-2	-1	-3	-1	1	1
-1	-1	-2	4	-4	-1	3	-1	0	2	-2	1	-4	0	3	-4	-3	-4	3	1	0	-3	1	-4	7	-3	3	1	-2	3	-1	3	0	-1	-2	2	0	-6	1	4	-2	-1	-3	-2	4	1
0	2	-3	4	-4	-2	3	-1	1	2	-2	1	-4	0	3	-4	-3	-4	3	2	0	-2	1	-4	7	-2	3	1	-1	3	-1	3	0	-1	-3	2	0	-5	2	4	-1	-1	-3	-2	4	2
1	2	-4	5	-4	-2	3	0	2	2	-2	2	-4	0	3	-4	-2	-4	2	3	0	-1	-5	-7	-1	2	2	-1	4	-1	3	0	-1	-3	2	0	-5	3	3	-1	-1	-3	-3	4	2	
2	3	-5	5	-4	-2	3	0	2	2	-2	2	-4	0	3	-4	-2	-4	1	4	0	0	-6	7	1	2	2	-1	4	-2	3	0	-1	-4	3	0	-4	3	3	0	-1	-3	-3	3	3	
3	3	-6	6	-4	-2	3	0	3	2	-1	2	-4	0	3	-4	-2	-4	0	5	0	1	-7	6	1	1	2	0	3	-2	3	0	-1	-4	3	0	-4	4	2	0	-1	-3	-3	3	3	
3	4	-6	6	-4	-2	3	0	3	2	-1	3	-4	0	3	-3	-2	-4	-1	5	0	2	-7	6	2	1	2	0	3	-2	3	0	-1	-4	3	0	-3	3	2	1	-1	-2	-4	3	4	-7
3	4	-7	7	-4	-2	3	1	3	2	-1	3	-4	0	3	-2	-4	-2	-2	5	0	3	-6	5	3	0	3	0	2	-2	3	0	-1	-4	3	0	-2	3	1	1	-2	-4	3	4	-7	
2	5	-8	7	-3	-2	3	1	2	1	-1	3	-3	0	3	-1	-2	-3	-3	5	0	2	-6	4	3	0	3	0	1	-2	2	0	-1	-4	4	0	-2	2	1	2	-2	-4	3	4	-6	

II8023 33.007.0 SOUTHERN CALIFORNIA EARTHQUAKE OCT 2, 1933 - 0110 PST EPICENTER 33 47 00N, 118 08 00W  
 STATION NO. 133 HOLLYWOOD STORAGE BLDG BASEMENT CMP S90E 34 05 00N, 118 20 00W  
 INSTR PERIOD = 0.0980 SEC DAMPING = 0.720 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACEN = -26.4 CM/SEC/SEC AT 0.28 SEC VELO = -2.2 CM/SEC AT 6.44 SEC DISF = 0.4 CM AT 5.86 SEC

INITIAL VELO = 0.05568 CM/SEC INITIAL DISF = 0.05667 CM

3741 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

160	224	244	151	57	-25	-104	-88	-69	-48	-74	-129	-172	-221	-264	-237	-191	-155	-33	96
106	128	127	116	113	79	7	-35	8	49	73	38	14	28	43	53	39	24	11	-4
-26	-53	-38	-20	13	69	119	103	64	36	-115	-69	27	63	121	138	100	68	37	2
11	-9	-33	-61	-68	-37	-14	15	49	88	101	69	45	27	15	0	-13	-29	-36	-30
-26	-17	-12	-7	-7	-21	-5	-14	-20	-18	4	21	26	30	34	40	34	7	-16	-41
-64	-71	-75	-63	-78	-55	-37	-16	-5	-8	-10	-11	-14	-7	13	30	48	66	60	47
38	25	24	38	40	22	6	-3	11	19	33	25	-3	-27	-42	-53	-65	-86	-123	-130
-57	-13	-42	-6	33	59	84	103	116	108	87	54	25	5	-15	-36	-44	-53	-48	-34
-23	-16	-10	-3	12	43	52	41	34	19	-15	-33	-50	-64	-68	-73	-71	-60	-55	-13
45	59	141	161	194	192	162	143	114	74	35	-2	-30	-58	-75	-83	-92	-97	-110	-131
-145	-117	-91	-65	-26	11	49	60	68	48	0	-35	-75	-55	-36	-16	3	25	42	64
53	29	10	-12	-33	-53	-76	-83	-71	-66	-73	-65	-77	-69	-24	41	67	101	131	163
155	137	121	75	29	11	-11	-30	-37	-42	-28	-11	11	37	50	59	50	17	-1	-26
-46	-71	-79	-54	-33	-11	12	33	57	55	34	22	4	-10	-26	-34	-29	-26	-29	-26
-27	-31	-34	-37	-19	-2	16	31	51	50	26	-2	-53	-57	-144	-163	-179	-185	-159	-135
-86	-41	6	48	90	129	174	185	152	131	104	80	54	30	3	-10	-16	-23	-3	20
41	61	84	92	88	81	57	39	17	-4	-47	-86	-125	-118	-101	-94	-90	-86	-82	-79
-64	-41	-22	3	35	67	81	88	57	90	78	69	51	25	7	-15	-40	-55	-67	-70
-53	-37	-1	31	41	48	45	32	14	-13	-36	-62	-71	-44	-25	19	59	103	117	98
89	73	38	-1	-25	-47	-63	-70	-75	-66	-60	-51	-38	-23	-19	-15	-18	-26	-33	-47
-59	-75	-91	-101	-76	-58	-7	57	94	127	154	132	115	95	67	35	12	-13	-32	-42
-20	3	27	49	74	83	79	75	53	34	13	-4	-6	-8	-11	-13	-16	-18	-23	-28
-32	-37	-39	-24	-7	-2	-13	-21	-29	-39	-33	-11	6	13	13	17	10	8	-7	-34
-60	-63	-55	-44	-22	-4	11	11	14	13	6	0	-8	-31	-53	-60	-65	-66	-60	-57
-38	-12	6	13	22	30	37	42	48	59	70	73	72	69	36	3	-21	-40	-62	-74
-60	-50	-38	-27	-22	-18	-13	-14	-17	-18	-7	5	17	28	40	37	24	13	-3	-2
14	24	38	48	36	25	15	2	0	4	7	23	42	53	58	51	41	17	-21	-60
-70	-78	-65	-55	-40	-27	-12	3	20	15	8	1	-5	-22	-37	-40	-38	-24	-12	6
24	20	16	13	8	11	23	31	41	44	49	53	55	48	43	37	31	8	-5	-5
-10	-12	-15	-18	-28	-40	-52	-46	-35	-26	-16	-6	-3	-10	-13	-18	-23	-31	-39	-46
-50	-54	-57	-60	-45	-29	-14	-2	10	20	25	33	33	25	19	13	6	6	18	27
36	42	49	55	59	60	53	46	39	30	18	9	-3	-7	1	1	9	16	26	36
10	2	-7	-13	-21	-29	-53	-70	-74	-81	-83	-71	-61	-31	-3	1	-78	-73	-52	-30
47	53	58	61	51	43	35	23	-7	-26	-41	-57	-67	-77	-87	-84	-58	-50	-44	37
-8	16	33	51	52	44	40	34	29	23	17	13	22	31	41	50	58	50	44	37
31	23	14	5	-4	-7	-9	-11	-11	-10	-15	-27	-35	-49	-72	-87	-54	-83	-15	-65
-44	-20	-2	9	21	34	41	34	29	23	21	19	17	15	12	8	5	1	-3	-4
-2	-1	-1	3	10	16	19	21	23	25	28	29	20	12	5	1	-4	-8	-13	-16
-16	-17	-17	-17	-19	-23	-27	-31	-34	-38	-41	-44	-36	-27	-18	-9	4	16	28	37

46	55	61	63	67	69	72	70	65	62	53	34	16	2	0	-4	-7	-13	-15	-24
-38	-64	-74	-78	-83	-87	-74	-59	-45	-30	-15	-3	8	15	16	18	19	20	22	24
27	29	31	27	24	20	17	13	9	7	5	3	0	3	9	13	19	19	12	7
1	-5	-10	-6	-3	0	3	6	9	6	0	-5	-10	-15	-20	-24	-29	-33	-38	-42
-45	-40	-33	-28	-21	-15	-8	0	8	14	19	24	29	24	21	17	14	10	6	2
-2	-2	4	8	13	17	22	19	16	13	10	5	5	2	-1	-4	-1	4	7	12
13	6	1	-5	-10	-17	-24	-31	-39	-39	-29	-24	-15	-5	5	15	24	32	41	45
41	40	38	36	33	32	28	22	16	10	4	-2	-8	-14	-20	-26	-33	-34	-29	-26
-22	-19	-15	-12	-9	-6	-3	0	3	5	8	10	12	-14	17	17	18	19	19	20
20	21	20	14	8	3	-3	-7	-11	-16	-20	-23	-26	-28	-31	-33	-36	-38	-41	-44
-41	-37	-33	-29	-23	-10	1	13	23	34	44	49	55	61	58	52	47	41	26	9
0	-6	-12	-17	-21	-25	-28	-32	-36	-39	-31	-24	-18	-10	1	11	20	29	33	34
36	34	28	24	19	13	6	0	-7	-12	-17	-23	-28	-32	-31	-30	-28	-27	-26	-25
-23	-19	-16	-13	-10	-7	-4	0	3	7	10	14	18	21	24	27	30	34	32	24
18	12	5	0	-5	-10	-15	-14	-13	-11	-10	-6	-7	-5	-4	-3	-5	-7	-9	-12
-10	-3	3	9	15	20	25	31	26	19	13	7	-1	-8	-14	-20	-26	-31	-31	-32
-29	-24	-20	-15	-11	-9	-6	-4	-1	0	0	0	1	1	1	0	-1	-2	-3	-2
2	5	8	11	14	17	15	10	6	2	-2	-6	-10	-15	-15	-23	-25	-29	-26	-20
-15	-10	-5	-2	2	6	9	13	17	18	20	22	24	25	28	27	22	18	13	9
5	3	0	-2	-5	-7	-7	-6	-6	-5	-4	-4	-1	3	7	11	8	4	0	-4
-4	0	2	4	6	2	-2	-6	-10	-3	1	7	6	-1	-6	-11	-15	-19	-24	-25
-21	-19	-16	-14	-11	-9	-6	-3	-1	0	0	1	1	2	2	3	3	4	4	4
5	4	4	12	11	10	8	5	1	4	-6	-10	-13	-11	1	6	-5	15	17	18
16	15	14	12	11	10	-15	-13	-11	-8	-6	-4	-1	-11	-9	-7	-8	-4	-7	-9
-11	-13	-16	-18	-20	-18	5	9	12	13	14	15	17	18	19	20	22	23	19	16
3	-1	-6	-8	-3	-6	-9	-13	-16	-21	-20	-16	-14	-11	-8	-6	-3	-5	-7	-9
12	8	5	1	-2	-6	-13	-11	-10	-9	-8	-6	-5	-4	-3	-1	0	1	1	4
-11	-13	-15	-16	-15	-14	-11	5	2	-1	-1	2	5	8	10	13	16	14	10	7
6	7	8	10	11	11	8	5	2	-1	-6	-3	-1	1	3	1	0	-1	-2	-3
3	0	-4	-5	-6	-8	-9	-10	-11	-8	-6	-3	-1	1	3	1	0	-1	-2	-3
-5	-6	-7	-8	-9	-9	-10	-11	-12	-10	-8	-5	-3	-1	1	4	7	9	12	15
18	18	17	16	16	15	14	13	13	12	11	11	10	9	9	8	7	6	5	3
2	1	0	-2	-3	-3	-3	-7	-8	-3	-3	-3	-3	-2	-2	-1	0	0	1	2
2	1	-1	-2	-3	-5	-6	-7	-8	-9	-10	-9	-8	-7	-7	-6	-5	-4	-3	-2
-1	0	2	3	4	6	7	8	10	10	10	10	10	10	9	6	4	2	-4	-10
-8	-5	-3	0	2	5	8	11	14	17	20	21	22	24	25	26	22	17	13	8
3	-2	-6	-10	-14	-18	-22	-25	-29	-30	-29	-28	-28	-27	-27	-26	-25	-23	-16	-14
-10	-5	-2	0	2	4	7	8	8	7	7	6	6	5	5	4	3	2	1	0
-1	-2	-3	-1	1	2	4	6	6	10	12	13	12	12	11	10	10	9	8	8
7	6	6	5	4	4	3	2	1	1	0	0	-1	0	2	4	6	8	6	2
0	-4	-7	-10	-12	-13	-14	-15	-16	-17	-17	-18	-19	-19	-19	-20	-19	-14	-10	-11
-11	-11	-12	-12	-7	-6	2	6	10	13	16	20	22	22	23	22	20	17	14	12
9	6	1	-3	-8	-12	-14	-15	-17	-19	-20	-17	-15	-13	-10	-8	-5	-1	3	7
11	14	16	18	20	21	23	21	20	18	17	15	14	12	9	5	1	-2	-6	-8
-11	-13	-16	-18	-19	-17	-15	-13	-11	-9	-7	-5	-3	-2	-1	-1	0	1	-1	2
2	3	4	5	6	6	7	8	6	3	0	-3	-6	-9	-12	-15	-14	-11	-9	-7
-4	-2	1	3	6	6	4	3	1	-1	-3	-4	-6	-7	-9	-10	-10	-10	-10	-10
-10	-9	-8	-6	-4	-3	-1	1	2	4	5	7	9	10	12	13	15	16	18	18
15	12	10	7	4	1	-2	-4	-7	-10	-7	-4	-2	-1	1	6	6	4	2	-1
-3	-5	-8	-8	-6	-5	-3	-1	0	-2	-3	-4	-5	-7	-9	-10	-10	-10	-10	-10
0	-4	-7	-10	-12	-13	-14	-15	-16	-17	-17	-18	-19	-19	-19	-20	-19	-14	-10	-11



[illegible]









[illegible]

IIB024 34.002.0 LOWER CALIFORNIA EARTHQUAKE DEC 30, 1934 - 0552 PST EPICENTER 32 12 00N, 115 30 00W  
 STATION NO. 117 EL CENTRO IMPERIAL VALLEY CGMP NOOE 32 47 43N, 115 32 55W  
 INSTR PERIOD = 0.0980 SEC DAMPING = 0.621 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS AGLN = -156.8 CM/SEC/SEC AT 3.32 SEC VELO = -20.9 CM/SEC AT 2.90 SEC DISP = -4.2 CM AT 3.20 SEC

INITIAL VELC = 1.51159 CM/SEC INITIAL DISP = -0.53441 CM

4515 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-75	84	130	55	-2	-125	-64	22	49	49	-1	-123	15	73	106	-15	-61	2	111	-25
1	-180	97	-141	-2	89	-154	-47	-59	-29	-38	-24	82	81	32	-68	-88	48	93	126
141	124	-12	21	-3	-38	-74	-98	-115	20	34	41	-56	-50	-46	-58	-73	24	76	49
42	51	49	48	39	36	-40	-57	-36	-29	-85	-171	-192	-85	25	46	67	-95	-167	-156
-173	-155	-116	-111	-124	-128	-97	-25	-25	-40	-143	-135	-144	-84	60	244	503	666	654	596
-3	-35	-84	-46	-28	-66	-343	-320	-334	-108	135	299	567	317	44	-83	-158	-107	-116	-43
-31	2	-12	-76	-298	-468	-436	-424	-291	-311	-280	-258	-283	-278	-229	-252	-637	-868	-504	-551
-923	-850	-825	-766	-444	20	347	620	865	1129	1321	1405	1278	1051	753	635	430	323	-75	141
428	728	582	1060	1159	346	-1568	-1236	-1227	-1053	-599	-218	-159	6	120	361	391	466	485	546
574	583	598	561	567	483	431	-271	-658	-494	-437	-52	211	286	346	420	482	423	-215	-483
-367	-322	-69	16	235	-747	-1069	-642	-404	75	229	459	505	768	505	628	-946	-758	-622	-613
-439	-345	-136	102	179	300	731	920	430	316	-84	-546	-589	-593	-287	226	-54	-702	-615	-799
-672	-439	-95	6	173	238	256	212	280	275	169	-154	-172	-145	-55	-28	143	415	622	781
743	854	298	-771	-551	-621	-404	-436	-378	-525	-425	-253	7	343	464	514	560	374	85	66
18	-73	24	45	123	-61	-285	-486	-350	-174	-101	-9	136	353	486	388	114	-65	-26	-55
22	-240	-272	-52	-138	-72	-109	-109	-186	-372	-368	-314	-266	-160	-115	80	282	527	673	669
521	291	116	41	3	-47	125	292	311	301	85	-688	-717	-808	-818	-782	-615	-503	-310	-81
162	402	594	785	591	130	-231	-230	-257	-72	26	-5	54	371	451	401	369	383	289	208
-76	-253	-315	-400	-240	-36	-31	-42	-373	-629	-631	-547	-451	-236	-75	-1	1	9	-50	311
494	850	867	973	845	745	-685	-792	-735	-667	-394	-270	-145	-102	-65	-11	62	75	-204	-411
-456	-451	-193	67	300	519	549	607	583	513	346	231	-174	-319	-73	-55	-39	-123	-215	-171
71	152	310	310	335	-340	-996	-823	-573	-189	73	389	646	494	331	393	485	551	478	-258
-451	-70	83	279	414	579	731	742	744	679	480	-351	-515	-481	-485	-460	-492	-771	-656	-627
-387	-258	157	400	1026	-29	229	432	307	444	394	478	421	507	-176	-355	-215	-308	-460	-826
-818	-846	-748	-511	-252	-93	55	115	284	508	801	459	-351	-390	-453	-296	-171	83	236	487
431	618	520	839	-350	-1358	-1037	-1216	-762	-548	9	390	925	464	107	-524	-1234	-593	-483	51
383	651	721	829	756	506	-77	-310	-507	-800	-775	-589	-409	0	344	680	557	1022	553	1003
515	-778	-694	-782	-605	-521	-192	40	87	24	98	124	325	462	311	303	215	149	146	221
211	118	71	-3	-360	-805	-919	-657	-430	-187	246	737	795	273	57	-224	-411	-505	-414	-369
-254	-187	-197	-318	-131	12	287	316	436	-241	-723	-339	-361	-115	-5	205	368	559	634	591
485	374	179	57	-307	-517	-308	-124	167	340	-24	-204	-294	-274	-52	141	283	316	422	510
572	611	467	108	-275	-305	118	169	301	287	372	257	367	-704	-1091	-648	-621	-231	-50	161
251	341	77	-6	-117	-10	74	194	358	467	544	467	282	357	342	202	-202	-317	-237	-212
-234	-155	-139	-81	-25	-74	-49	25	108	5	-151	-138	-172	-203	-221	-245	-289	-313	-302	-14
348	384	363	271	265	240	261	252	213	-111	-147	-322	-344	-272	-269	-215	-162	-106	23	22
13	61	100	101	42	31	17	46	-58	-392	-324	-252	-182	-36	153	327	520	649	800	748
315	-355	-611	-562	-529	-412	-367	-286	-214	-144	-64	66	136	206	281	424	488	595	699	720
403	-183	-513	-360	-239	-249	-460	-601	-621	-636	-601	-505	-387	-145	169	313	357	480	-81	-271
-267	-231	127	204	242	283	236	232	254	235	6	-322	-387	-541	-355	-103	80	180	300	333
426	21	-264	-302	-362	-366	-315	-199	-91	24	131	211	312	278	261	236	245	245	158	125

86	48	32	28	5	-35	-204	-435	-428	-434	-254	-113	19	-74	-153	-189	-211	-205	-110	-91
-135	-156	-139	-79	-5	22	-27	-45	-61	-7	125	211	292	298	304	270	178	13	-112	-79
-33	7	46	32	-38	-122	-154	-164	-56	179	248	322	341	129	-44	-79	-118	-131	-175	-204
-206	-141	-113	-17	129	152	216	235	313	333	263	265	246	236	207	178	151	131	41	-42
-118	-145	-185	-220	-341	-361	-367	-374	-352	-193	-67	31	137	155	165	86	-14	46	62	102
74	11	-38	-65	-103	-156	-221	-135	-124	-102	-88	-58	-36	-45	-77	-94	-1	66	88	125
152	204	257	283	290	300	321	345	297	174	129	88	75	-32	-202	-256	-365	-409	-507	-495
-379	-147	165	304	348	380	389	356	275	221	69	-6	5	-5	29	-210	183	315	363	326
283	263	111	-51	-23	-75	-54	-206	-400	-392	-429	-389	-327	-280	-247	-210	-183	-159	-151	-72
8	6	22	5	0	-75	-105	-46	-22	-8	-17	-6	-93	-158	-145	-160	-151	-155	-173	-201
-215	-247	-304	-298	-244	-219	-159	-101	5	49	103	163	366	474	443	393	325	247	170	66
-48	-186	-193	-213	-167	-71	1	43	108	232	300	335	358	385	391	271	167	172	180	189
202	157	218	80	-214	-264	-318	-260	-242	-200	-171	-131	-125	-200	-201	-157	-184	-149	-96	-56
44	132	203	215	214	193	154	130	184	218	226	223	206	158	170	163	9	-16	43	70
108	117	92	38	-2	-34	-67	-132	-171	-183	-211	-251	-203	-168	-175	-175	-182	-186	-193	-157
-198	-170	-108	-56	2	33	37	32	-17	-44	-46	-50	-41	-2	124	185	176	103	23	-17
-36	-38	-8	17	28	37	40	44	30	7	-145	-127	-126	71	80	78	72	49	16	-47
-69	-21	74	182	195	209	204	178	115	-40	-145	-127	-126	-88	-86	-87	-83	-69	-57	-55
-96	-127	-114	15	84	115	154	265	207	56	29	-11	-15	-30	-33	-40	-39	-41	-41	-50
-70	-113	-136	-139	-152	-148	-181	-170	-132	-55	-65	75	275	375	416	326	297	277	256	243
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-39	-41	-41	-41	-42	-36	-32	-31	-30	-29	-29	-29	-29	-26	-26	-28	-30	-31	-28	-28	-25
-20	-18	-17	-17	-16	-14	-12	-10	-11	-11	-11	-8	-6	-3	-1	1	1	2	5	13	20
18	20	23	23	22	22	21	16	13	10	8	7	6	5	5	6	7	3	-5	-9	-12
-13	-14	-14	-14	-15	-13	-8	-3	2	5	3	4	5	5	6	6	6	6	6	6	16
14	14	13	13	13	13	12	12	11	9	7	5	4	3	1	2	6	6	6	6	6

118024 34.002.0 LOWER CALIFORNIA EARTHQUAKE DEC 30, 1934 - 0552 PST EPICENTER 32 12 00N,115 30 00W  
 STATION NO. 117 EL CENTRO IMPERIAL VALLEY CCMF N90E 32 47 43N,115 32 55W  
 INSTR PERIOD = 0.1000 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACEN = -179.1 CM/SEC/SEC AT 15.12 SEC VELO = 11.6 CM/SEC AT 3.18 SEC CISP = -3.7 CM AT 16.50 SEC

INITIAL VELC = 0.34371 CM/SEC INITIAL DISP = 0.12727 CM

4512 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-98	-175	-123	-38	35	85	70	-52	-122	-142	-12	114	86	-69	171	-5	-117	40	-21
-43	56	-25	-29	7	10	70	5	25	74	12	-109	-103	-35	-58	-52	-50	-53	-85
-11	45	67	31	13	-11	-21	47	47	38	-5	5	11	8	-23	-2	-50	-141	-100
-55	8	86	143	62	53	76	83	-73	-168	-135	-22	-119	13	111	130	106	63	46
-170	-262	-270	-325	-202	-173	-85	25	48	79	115	112	107	-186	-242	-48	195	438	606
695	789	728	819	257	-238	-492	-891	-184	-217	-39	-133	-22	-34	244	566	643	689	574
474	28	-159	31	-73	-302	-394	-387	-418	-383	-382	-333	-304	-24	219	162	108	-5	-123
-344	-562	-733	-545	-427	-208	-133	-100	46	140	254	433	616	816	1091	1166	1416	715	-109
-137	-538	-463	-377	-263	-129	35	55	34	43	-7	-63	-575	-735	-851	-822	-796	-742	-643
-502	-282	-55	67	5	110	510	629	741	-19	-620	-357	-368	-7	479	618	700	626	195
-290	-361	-531	-323	-146	-151	-177	40	-308	-921	-400	-170	195	345	412	281	479	567	488
228	-692	-775	-455	-285	-56	47	167	123	104	-257	-214	-148	105	1109	955	591	192	198
289	14	-1081	-1549	-1338	-1277	-1011	-814	-529	-235	97	321	529	616	366	489	684	806	801
597	340	374	589	784	890	852	707	160	-648	-1151	-1156	-1029	-982	-890	-706	-319	79	416
461	513	528	256	212	334	245	-49	-107	-222	-315	-313	-192	50	451	414	249	75	52
-58	-363	-312	-357	-339	-341	-316	-287	46	134	228	300	-4	-183	56	198	364	307	144
-15	-46	-79	-69	26	90	109	157	197	281	415	398	226	121	-212	-250	-348	-408	-433
-397	-276	-150	41	181	360	490	709	485	-210	-355	-241	-405	-458	-279	-174	-132	-122	-136
-119	-56	-148	3	226	421	571	533	469	261	203	265	343	548	627	312	-218	-78	-299
-196	-332	-397	-394	-426	-453	-310	-211	-56	77	124	-112	-215	-316	-402	-320	-94	174	361
556	730	833	673	288	66	-411	-838	-723	-695	-515	-566	-504	-321	-285	-233	-186	-108	-52
-39	21	71	163	239	378	477	829	848	664	-324	-845	-695	-698	-306	56	363	329	-4
-174	-224	-238	-126	36	182	317	395	486	540	577	468	382	316	239	60	109	41	4
-204	-454	-445	-433	-73	160	187	209	161	29	-419	-614	-204	-150	-7	143	373	547	728
752	884	917	1089	-236	-1122	-949	-1026	-782	-649	-419	-240	8	206	546	577	566	302	-187
-285	-179	-30	334	572	528	616	516	631	-101	-989	-573	-644	-373	209	596	904	1122	650
44	-1512	-1353	-1369	-1234	-1101	-816	-471	-88	186	678	954	1093	916	118	-32	-240	-223	-40
-226	-79	244	375	613	735	824	171	-513	-439	-356	-251	-150	55	329	350	145	-76	-166
-334	-437	-485	-418	-115	-65	-85	7	-88	-273	-345	-461	-503	-538	-384	-44	-37	140	176
367	13	-232	-42	-135	-80	-97	14	185	328	515	451	197	-485	-237	-233	-136	-128	-67
-54	76	223	476	508	279	-327	-353	-126	-80	204	504	621	752	210	266	299	345	337
195	82	27	89	-59	-121	-204	-239	-348	-423	-541	-1015	-795	-695	422	722	840	995	817
427	-61	-317	-376	-341	-325	-412	-429	-268	31	241	491	641	745	439	-450	-221	-280	-196
-158	1	132	316	31	-489	-561	-345	-287	-151	-106	-47	-198	-315	-352	-385	-84	15	115
71	12	-27	-85	-122	-136	-120	-8	88	133	177	217	191	232	289	1	-184	-138	-75
70	257	388	438	400	454	1	-280	-178	-231	-164	-269	-441	-568	-259	-22	287	425	449
551	257	-224	-89	-208	-80	103	417	455	542	310	220	-76	-229	-1094	-568	-721	-418	-115
280	736	899	1117	709	455	126	-104	-312	-316	-309	-122	145	211	-47	-1791	-1075	-1142	-724
-330	137	446	868	1053	1326	1530	1147	361	24	-260	-530	-613	-551	-466	-384	-367	-458	-285
-231	-109	-15	34	-99	-112	-66	-90	-156	-104	128	433	538	672	226	-492	-349	-142	1

202	257	372	420	422	351	147	-109	-421	-514	-489	-324	-359	-323	-351	-141	120	225	263	291
255	194	167	178	362	441	515	477	262	103	-55	-64	-31	-47	-37	-100	-225	-227	-214	-132
93	200	156	146	18	37	65	123	61	27	-80	-81	-89	-43	-87	-122	-600	-103	-30	-113
251	396	567	655	691	532	352	-369	-428	-482	-509	-456	-416	-297	-103	-134	-220	-612	-134	-799
-786	-554	-342	-71	189	409	484	601	667	676	582	462	-14	-109	-153	-110	-42	65	177	149
126	119	87	46	-208	-197	-164	-160	-124	-73	155	306	347	415	339	163	-89	-194	-204	-46
-77	-2	106	174	221	229	33	-110	-182	-217	-246	-173	-62	-87	-59	-66	-60	-16	-5	46
204	230	256	268	290	340	374	394	317	14	-25	-78	-164	-118	6	56	77	80	100	0
-306	-248	-309	-258	-256	-129	-218	-193	-214	-211	-289	-312	-352	-364	-391	-415	-430	-131	-4	41
105	140	212	205	86	-117	-444	-425	-474	-412	-277	-111	-1	121	202	260	278	292	289	298
255	342	432	486	510	498	380	234	156	-29	-149	-136	-156	-140	-135	-113	-108	-80	-27	76
134	126	88	-2	-82	-151	-136	19	41	102	135	250	276	248	65	-37	-69	-118	-143	-202
-199	-132	-116	-91	-22	66	38	57	44	45	20	-19	58	91	120	123	146	59	-47	-131
-236	-234	-257	-250	-235	-108	-17	53	102	145	171	209	222	275	168	-13	-33	-122	-124	-68
10	39	62	63	-7	-58	-36	-69	-56	-194	-264	-242	-234	-177	-125	-90	-78	-60	-44	-15
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-197	-223	-281	-305	-331	-347	-285	-259	-262	-247	-239	-156	-94	-23	48	73	123	120	74	24
6	22	15	13	-3	-14	-16	-13	-14	-27	-33	-42	36	84	91	121	150	127	87	100
119	100	69	37	-6	-116	-142	-148	-134	-128	-119	-111	-95	-83	-62	-40	17	71	107	45
35	21	8	11	-4	-25	-28	-35	-64	-22	79	87	97	32	21	12	2	28	61	57
65	59	56	32	3	-68	-111	-104	-121	-108	-113	5	55	91	174	185	187	185	175	159
95	65	44	17	6	-25	-43	-45	-29	8	27	76	140	174	196	190	172	105	-27	-60
-90	-218	-316	-307	-348	-343	-380	-347	-270	-115	-73	39	186	218	245	255	159	49	2	-44
-79	-118	-193	-157	-97	-83	-59	-43	-26	1	38	59	113	216	241	270	270	263	227	208
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-177	-167	-160	-143	-136	-98	-64	-47	-16	6	46	83	93	91	79	75	59	45	10	-19
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-16	-37	-55	-66	-92	-112	-106	-108	-102	-100	-94	-90	-72	-30	-25	-13	0	16	16	34
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69	76	96	119	117	122	121	121	116	123	109	59	53	43	39	29	18	-5	-16	-24
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-51	-75	-88	-91	-96	-91	-77	-47	-19	-10	-1	3	9	11	24	40	55	61	68	69
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55	49	52	49	47	42	36	31	30	27	25	23	23	23	21	20	14	7	5	3
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-10	-10	-11	-11	-15	-20	-17	-6	0	4	5	5	5	8	10	11	12	14	17	21
21	18	17	10	5	0	-6	-14	-25	-33	-39	-47	-55	-57	-42	-26	-24	-17	-11	6
19	29	37	41	48	63	74	80	84	87	98	112	123	129	137	146	145	145	145	142
125	106	101	86	80	39	27	20	12	5	1	-3	-4	-3	3	5	2	2	5	7
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-29	-54	-47	-48	-43	-27	-46	-33	3	-8	10	4	17	-6	-65	-49	-49	-46	-35	-27
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11B024 34.002.0 LOWER CALIFORNIA EARTHQUAKE DEC 30, 1934 - 0552 PST EPICENTER 32 12 00N, 115 30 00W  
 STATION NO. 117 EL CENTRO IMPERIAL VALLEY CCMP Up 32 47 43N, 115 32 55W  
 INSTR PERIOD = 0.1000 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -68.1 CM/SEC/SEC AT 3.40 SEC VELO = -8.8 CM/SEC AT 3.48 SEC DISP = -5.6 CM AT 4.48 SEC

INITIAL VELC = 3.05205 CM/SEC INITIAL DISP = 0.45089 CM

4512 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-12	-168	2	58	252	16	-65	-37	-385	-148	116	383	278	-320	83	-18	-113	-157	165	-216
155	-5	-141	59	40	290	280	-111	-32	-237	-159	-1	140	40	-285	91	211	-42	-232	-111
-183	306	-324	-674	-244	-353	-53	-35	-146	-92	-6	75	271	-12	-102	-97	154	-412	-131	-25
268	447	47	-313	-210	17	-114	-50	133	164	357	-25	-316	106	117	171	2	-336	60	55
248	-13	-258	-304	-125	50	360	-63	-223	-107	-174	-76	-11	141	75	-87	-205	82	105	-38
-29	25	245	223	460	-78	-489	94	134	-48	358	162	8	-278	-156	112	-35	-203	-256	-337
-335	-330	-195	54	286	291	287	-242	-300	-261	-266	-109	36	250	224	15	-62	-170	-144	-144
-94	-70	-24	17	176	170	-91	7	-132	-128	90	128	3	-152	-171	-325	-28	-531	-392	-71
79	266	447	463	91	-86	66	-9	34	-401	-681	-416	-401	-133	63	284	469	556	466	472
396	310	306	-113	56	276	261	81	102	-191	-261	-101	-14	-26	-218	-102	78	194	135	-89
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-95	77	-186	-106	327	214	390	-231	-123	-19	-78	-115	27	264	304	213	115	163	152	245
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118025 35.001.0  
STATION NO. 323

HELENA, MONTANA EARTHQUAKE OCT 31, 1935 - 1138 MST  
HELENA, MONTANA CARROLL COLLEGE

EPICENTER 46 37 00N, 111 58 00W  
COMP UP 46 35 00N, 112 02 00W  
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

INSTR PERIOD = 0.0980 SEC DAMPING = 0.592

PEAK VALS ACCLN = 87.5 CM/SEC/SEC AT 2.32 SEC VELO = -9.7 CM/SEC AT 2.26 SEC DISP = 2.8 CM AT 1.70 SEC

INITIAL VELO = 0.11322 CM/SEC INITIAL DISP = -0.21764 CM

2553 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

-46	-4	17	-23	-68	8	40	-6	5	-26	7	53	7	0	-41	-30	36	15	-56
-42	-3	62	-69	19	3	10	1	23	103	121	49	-10	101	36	197	139	72	-3
256	367	25	-1	128	235	392	29	-102	-221	27	120	184	460	-375	-133	17	28	-15
140	18	-111	-328	-58	-96	-281	-132	-281	-209	118	-258	-161	22	-200	-99	90	-170	-241
-111	-51	184	327	-564	-231	-581	-801	-484	-241	-234	-354	5	-217	-204	-137	20	301	-41
-34	319	320	371	209	-153	-147	-247	-422	-585	-483	-374	-214	-62	652	875	634	645	556
30	-32	131	222	204	231	292	200	85	-200	-36	168	392	681	-829	-298	-128	231	603
313	-13	248	-157	-155	7	32	52	433	23	-308	2	-52	-205	-218	-168	16	-21	19
-37	36	-338	-358	-168	-73	92	-109	-183	-31	96	67	-64	-29	1	78	-25	-94	-134
-168	4	81	205	101	113	107	169	23	-61	38	31	59	137	-27	-124	-140	-39	72
211	48	27	26	93	-145	-155	-201	-174	-69	46	67	43	4	-19	-41	-60	-53	-26
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21	13	24	24	57	42	-26	-11	9	5	54	81	40	-15	6	39	-2	30	-30
10	-4	9	-8	14	22	-12	80	70	-38	-53	79	77	76	20	-62	-65	-122	-142
-89	-63	-39	-43	18	12	-16	-47	10	-18	-59	-50	-50	-8	77	19	31	60	11
32	6	22	-9	20	27	13	-36	-9	28	40	36	-46	-67	-15	50	98	90	-12
-95	-54	-35	9	97	77	1	-2	6	9	-2	49	18	48	30	16	-14	-40	-47
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-50	-64	-1	42	-19	-19	-2	-3	23	65	33	5	11	-19	60	-22	-41	4	54
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14	0	13	11	2	-10	-18	2	22	8	-14	-27	-2	20	6	-7	34	18	-4
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118026 38.002.0

STATION NO. 023

INSTR PERIOD = 0.0990 SEC DAMPING = 0.528

1ST NORTHWEST CALIFORNIA EARTHQUAKE SEPT 11, 1938 - 2210 PST

FERNDAL CITY HALL

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 40 18 00N, 124 48 00W

COMP S45W 40 34 00N, 124 15 00W

ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS

ACLN = -140.9 CM/SEC/SEC AT 2.26 SEC

VELD = -6.6 CM/SEC AT 1.90 SEC

DISP = -3.9 CM AT 3.00 SEC

INITIAL VELO = 0.14213 CM/SEC

INITIAL DISP = 0.87542 CM

3569 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC.

72	65	43	-39	-85	-61	14	10	-48	-90	-123	-93	-51	-54	-31	6	20	21	-10	-33
-38	6	45	34	12	-10	-26	-30	-40	-50	-56	-17	-13	-19	-18	17	25	22	18	4
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-18	-53	-73	-87	-92	-97	-85	-49	8	39	84	102	95	39	27	29	48	47	50	-23
-85	-122	-140	-50	39	111	125	-17	-184	-372	-523	-537	-388	-246	-56	36	-7	189	472	800
798	578	368	91	34	317	505	648	521	201	-144	-565	-1128	-1409	-1073	-429	124	302	300	288
293	284	232	256	326	362	272	49	-109	-250	-209	-76	56	187	187	3	-267	-535	-599	-603
-625	-487	-277	-14	273	495	512	530	516	654	716	635	422	295	55	-178	-419	-605	-903	-738
-196	257	610	771	716	521	231	-49	-239	-26	87	127	-19	-163	-336	-382	-224	-48	136	273
278	206	63	-96	-137	-89	7	68	89	68	62	39	-33	-152	-230	-217	-137	40	219	206
167	4	-144	-330	-353	-314	-7	197	376	442	385	166	1	-71	-117	-129	-121	-96	-89	-88
-96	-115	-135	-113	-93	-77	-45	-17	-50	-103	-126	-76	6	144	227	118	2	-4	-108	-196
-240	-143	24	59	-45	-164	-219	-304	-263	-112	8	150	273	316	360	380	395	327	225	-7
-158	-260	-201	-55	37	73	9	-38	18	156	198	163	41	-159	-321	-446	-413	-195	-145	-223
-281	-267	-64	111	140	190	222	254	267	267	230	117	-1	-79	-114	-153	-219	-277	-293	-103
73	209	300	257	182	28	-7	-35	-29	39	123	84	8	-92	1	17	14	56	102	168
243	290	228	57	-112	-307	-426	-304	-236	98	-214	-196	-225	-158	-85	-106	-125	-40	41	31
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52	-151	-168	-172	-167	-184	-161	-108	-101	-136	-215	-244	-196	-164	-119	19	136	174	161	110
73	58	-8	-94	-130	-124	-116	-153	-171	-147	-94	-68	1	89	151	181	152	84	34	25
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78	136	160	111	52	16	-13	-24	-31	-41	-59	-68	-102	-128	-151	-128	-97	-67	-38	-2
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150	156	147	119	77	63	53	49	12	-53	-96	-136	-164	-151	-128	-119	-116	-120	-130	-133
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9	12	11	11	9	8	7	7	7	8	8	8	9	11	13	14	14	13	12	10
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11B026 38.002.0 1ST NORTHWEST CALIFORNIA EARTHQUAKE SEPT 11, 1938 - 2210 PST  
 STATION NO. 023  
 INSTR PERIOD = 0.0990 SEC DAMPING = 0.592  
 EPICENTER 40 18 00N, 124 48 00W  
 COMP N45W 40 34 00N, 124 15 00W  
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS		ACLN = -87.1 CM/SEC/SEC AT 2.24 SEC		VELO = 1.28809 CM/SEC		INITIAL VELO =		INITIAL DISP = -0.60336 CM		DISP = 1.7 CM AT 2.26 SEC									
3569 INSTRUMENT AND BASELINE CORRECTED DATA		IN MM/SEC/SEC		AT EQUALLY-SPACED INTERVALS OF		0.02 SEC.													
52	-32	-12	-11	2	-53	-46	-11	-22	-58	-55	38	79	90	89	54	27	-13	-23	-16
-16	-22	-53	-79	-78	-59	-37	-15	3	11	-5	2	42	58	60	1	-33	-23	20	71
74	20	-42	-40	-5	-33	-63	-36	-22	-14	17	67	92	72	12	-34	-47	-45	-7	0
13	19	27	22	3	-57	-73	-46	-40	-28	-18	1	3	-12	-12	-7	-25	-91	-115	-134
-151	-185	-195	-196	-117	-1	107	187	276	178	133	64	14	-100	-22	100	212	184	75	-29
-53	301	557	714	702	458	232	-7	-283	-509	-798	-849	-871	-611	-287	172	451	297	-21	-219
-294	-95	74	240	230	304	197	-14	-331	-412	-462	-288	18	7	61	-23	-173	-392	-520	-450
-457	-77	289	647	862	710	516	306	64	-84	-116	-80	42	130	117	11	-190	-382	-526	-594
-467	-189	255	533	551	385	-37	-169	32	125	304	434	429	268	66	-159	-307	-336	-229	-99
75	182	97	84	26	-1	-59	-81	-64	69	38	-79	-118	-231	-302	-317	-317	-207	27	205
322	189	30	-154	-217	-122	27	212	228	118	35	25	36	39	23	-42	-41	-30	-26	-11
26	39	36	103	207	261	226	139	68	7	-68	-85	-48	-5	-112	-167	-245	-317	-269	-248
-208	-144	-6	104	207	238	110	-10	-194	-297	-231	0	224	354	149	109	145	216	341	339
33	-177	-187	-114	38	-77	-183	-95	62	234	190	138	-25	-108	-229	-335	-366	-373	-367	-277
-181	-85	-26	55	150	273	328	336	316	302	310	278	131	-28	-181	-339	-423	-293	-188	-150
-121	-31	69	196	310	250	169	118	161	277	327	357	236	37	-114	-233	-163	-36	70	122
54	-15	-80	-139	-207	-273	-322	-301	-214	-175	-139	-121	-107	-90	-77	-61	-29	4	15	-18
-126	-155	-108	-57	-57	-2	16	32	64	117	175	210	216	225	229	288	331	317	288	241
177	115	34	-31	-14	4	17	22	-27	-76	-100	-130	-175	-212	-213	-210	-194	-179	-138	-106
-88	-66	-27	42	85	67	13	-74	-166	-186	-149	-109	-83	-45	13	69	97	117	123	96
106	137	204	246	186	128	61	12	47	70	94	112	126	128	72	35	-22	-101	-155	-183
-158	-113	-105	-105	-153	-197	-187	-103	-3	110	187	140	72	11	-6	19	34	9	-34	-36
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-160	-158	-123	-96	-34	22	60	81	91	86	78	60	60	82	133	147	140	90	4	-67
-38	39	36	26	-30	-83	-144	-135	-110	-80	-62	-60	-78	-64	-6	49	74	45	2	8
41	51	64	27	23	28	38	40	33	11	3	-1	23	50	65	77	58	-9	-46	-85
-80	-37	-10	-7	-16	-17	9	15	29	36	23	-24	-62	-80	-90	-79	-65	-49	-74	-109
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-96	-83	-77	-72	-42	12	46	54	57	55	56	71	95	117	136	151	154	148	131	119
72	4	-50	-62	-76	-76	-79	-82	-128	-182	-187	-172	-158	-153	-147	-142	-134	-121	-96	-26
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58	66	70	58	30	7	-13	-32	-38	-34	-33	-38	-57	-86	-117	-135	-146	-135	-113	-92
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118027 41.001.0 2ND NORTHWEST CALIFORNIA EARTHQUAKE FEB 9, 1941 - 0145 PST EPICENTER 40 54 00N, 125 24 00W  
 STATION NO. 023 FERNLEAVE CITY HALL CGMP S45W 40 34 00N, 124 15 00W  
 INSTR PERIOD = 0.0960 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -61.3 CM/SEC/SEC AT 5.42 SEC VELO = -3.5 CM/SEC AT 4.56 SEC DISP = -2.0 CM AT 51.60 SEC

INITIAL VELC = -0.53670 CM/SEC INITIAL DISP = -0.26900 CM

3364 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-1	44	82	117	178	224	242	190	157	131	113	58	69	36	10	-36	-82	-91	-58	-110
-134	-114	-63	-2	-22	-50	-74	-103	-128	-154	-123	-83	-30	28	141	158	217	202	178	76
-32	-145	-211	-222	-191	-141	-21	86	125	160	135	115	78	16	-65	-153	-220	-236	-244	-226
-194	-154	-140	-93	-11	111	166	199	157	102	60	68	84	57	8	-5	-12	-12	-36	-94
-126	-145	-129	-67	17	93	102	99	107	127	84	33	0	-36	-62	-105	-157	-163	-58	15
128	106	43	22	23	64	55	-1	-86	-135	-155	-124	-87	-31	5	2	13	63	57	137
136	88	44	-13	-75	-105	-126	-121	-65	-11	-19	-48	8	110	236	327	378	301	217	103
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-190	-95	-43	14	104	180	255	219	137	18	-101	-217	-207	-101	88	236	372	327	168	32
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406	345	259	164	57	27	16	42	30	0	-51	-110	-177	-231	-210	-156	-58	96	203	242
212	142	113	72	23	-36	-33	67	126	134	102	87	104	111	38	-51	-211	-347	-441	-465
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118027 41.001.0 2ND NORTHWEST CALIFORNIA EARTHQUAKE FEB 9, 1941 - 0145 PST EPICENTER 40 54 00N, 125 24 00W  
 STATION NC. 023 FERNDALE CITY HALL CCMP N45W 40 34 00N, 124 15 00W  
 INSTR PERIOD = 0.0590 SEC DAMPING = 0.613 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 38.4 CM/SEC/SEC AT 2.98 SEC VELO = -3.4 CM/SEC AT 2.90 SEC DISP = 2.2 CM AT 55.16 SEC

INITIAL VELO = 0.02783 CM/SEC INITIAL DISP = -0.43376 CM

3363 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-182	-33	98	247	315	306	113	-178	-188	-187	-164	-102	-62	-109	-81	40	134	92	55	30
70	72	97	96	79	57	34	-24	-50	-70	-37	32	97	122	110	54	-13	-122	-216	-250
-234	-169	-107	-34	92	292	380	288	205	35	-85	-117	-108	-85	-94	-173	-165	-105	-94	-83
-67	-49	-12	59	112	101	39	-37	-54	-37	-32	-16	-1	1	-54	-110	-145	-165	-147	-133
-99	-46	78	206	246	195	132	138	105	95	19	-25	-68	-129	-56	-65	-37	-3	25	64
77	91	103	59	28	-56	-101	-109	-99	-73	-82	-84	-120	-77	-28	80	170	221	194	115
46	-36	-72	-90	-109	-134	-201	-206	-72	-20	-1	46	105	136	150	77	-3	-95	-220	-261
-315	-284	-232	-177	-86	33	211	343	360	384	290	228	174	141	117	85	33	-11	-57	-100
-146	-191	-229	-191	-162	-109	-30	41	87	113	128	125	116	95	70	36	15	-16	14	35
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25	21	17	3	-10	-23	-34	-41	-44	-39	-35	-30	-23	-13	-3	10	20	31	40	46
48	51	53	53	54	49	37	25	7	-7	-19	-31	-46	-60	-59	-61	-61	-56	-49	-43
-36	-29	-26	-22	-17	-10	-6	-1	0	-2	-3	-7	-14	-18	-21	-25	-26	-23	-20	-15
-9	-2	4	9	9	12	16	20	25	30	37	42	42	42	41	39	37	33	27	21
19	15	14	13	12	12	7	2	-6	-13	-21	-23	-20	-14	-8	1	10	17	23	25
28	30	31	26	22	13	8	3	-1	-4	-5	-3	1	7	11	17	20	25	29	28
28	24	12	10	6	3	-1	-4	-11	-21	-24	-25	-25	-24	-24	-22	-21	-18	-15	-11
-45	-43	-40	-36	-29	-24	-19	7	-2	-9	-13	-18	-21	-24	-27	-29	-34	-41	-46	-47
6	11	14	18	19	19	19	17	13	10	-6	-9	-12	-13	-12	-12	-12	-11	-7	0
-12	-14	-14	-14	-17	-18	-19	-20	-19	-16	-15	-12	-10	-5	-13	-16	-15	-15	-11	-11
14	9	8	4	0	-6	-12	-14	-12	-7	-15	-5	8	11	16	9	11	14	17	19
41	44	44	42	39	35	31	26	23	20	-3	5	8	11	16	21	25	30	34	38
-9	-8	-5	-3	-1	2	6	13	19	22	15	7	4	0	-5	-8	-10	-10	-10	-10
24	21	18	15	14	13	12	13	14	14	15	16	18	20	21	19	16	11	6	0
-5	-11	-18	-26	-32	-38	-42	-43	-45	-46	-43	-42	-40	-35	-36	-36	-36	-36	-36	-35
-33	-31	-27	-21	-17	-14	-12	-10	-10	-11	-12	-13	-15	-19	-20	-19	-17	-14	-12	-11
-9	-9	-9	-10	-10	-9	-9	-11	-14	-16	-18	-20	-19	-18	-17	-17	-17	-15	-15	-14
-13	-11	-8	-6	-8	-9	-11	-15	-18	-20	-20	-18	-17	-15	-14	-12	-7	-5	-5	-6
-9	-11	-12	-15	-20	-23	-26	-27	-25	-24	-21	-14	-8	0	14	20	27	30	34	35
35	36	37	38	40	41	41	40	39	39	37	31	27	20	15	11	7	4	0	-4
-7	-11	-14	-14	-9	-6	-2	3	10	17	26	29	34	34	32	31	31	29	27	22
16	8	0	-7	-10	-8	-9	-6	-2	2	4	9	12	15	19	22	26	29	30	26
23	18	14	8	0	-3	-7	-10	-12	-15	-16	-15	-14	-13	-10	-8	-6	-5	-4	-3
-3	-3	0	3	3	0	-6	-15	-21	-29	-34	-39	-41	-42	-42	-42	-41	-41	-40	-40







II8027 41-001-0 2ND NORTHWEST CALIFORNIA EARTHQUAKE FEB 9, 1941 - 0145 PST EPICENTER 40 54 OCN, 125 24 OOM  
 STATION NC. 023 FERNDALE CITY HALL CCMP Up 40 34 OCN, 124 15 OOM  
 INSTR PERIOD = 0.0970 SEC DAMPING = 0.626 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = 19.2 CM/SEC/SEC AT 6.28 SEC VELO = 2.1 CM/SEC AT 6.46 SEC DISP = -1.9 CM AT 55.04 SEC

INITIAL VELC = -0.18314 CM/SEC INITIAL DISP = 0.21191 CM

3362 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

30	13	4	-4	-12	-23	-31	-12	9	35	38	30	28	27	27	23	8	-19	-30	-35
-37	-23	-16	-13	-25	-42	-50	-27	-5	10	23	44	69	72	35	-2	-36	-64	-77	-85
-81	-72	-39	-4	39	37	16	24	60	82	70	44	35	24	-9	-63	-71	-53	18	55
40	15	-3	-11	-3	10	24	29	30	30	26	21	0	-8	-13	-23	-35	-56	-69	-68
-61	-45	-30	-29	-36	-29	-11	12	40	57	55	39	23	17	5	-1	-35	-18	22	46
55	64	63	31	31	-1	-43	-63	-79	-73	-58	-36	-13	-14	-13	-13	-1	8	-3	-14
-21	2	23	38	46	44	41	77	57	104	92	65	30	-13	-40	-43	-47	-49	-51	-50
-42	-35	-25	-15	0	-2	-19	-20	-2	25	39	43	29	11	-13	-52	-64	-46	-31	-7
16	70	110	95	76	54	18	-35	-70	-108	-102	-80	-52	-21	31	72	98	80	41	13
-15	-29	-40	-23	-5	-6	-5	-4	-3	-1	-3	-17	-26	-5	15	49	72	89	84	78
70	57	43	27	4	-17	-40	-60	-70	-64	-43	-8	1	-6	4	16	30	24	10	-6
-17	-20	-13	-3	15	36	56	60	34	6	-17	-23	-4	26	58	70	79	60	28	-15
-52	-102	-167	-166	-183	-173	-150	-110	-66	-14	18	35	37	35	44	70	82	94	104	110
88	52	8	-31	-55	-55	-27	7	20	15	-5	-15	-34	-74	-110	-123	-97	-70	-45	-26
-8	13	36	44	47	60	81	100	120	134	139	101	68	24	-25	-55	-141	-180	-166	-166
-117	-90	-61	-40	-14	-6	-23	-42	-31	1	87	139	170	187	192	190	173	156	132	107
81	56	35	6	-28	-68	-103	-128	-144	-157	-153	-139	-108	-71	-50	-23	-4	4	9	17
36	73	108	135	151	155	148	119	97	62	-3	-63	-99	-109	-115	-110	-107	-104	-102	-100
-98	-81	-64	-46	-17	21	34	53	62	71	76	88	98	104	58	80	46	7	-13	-30
-43	-50	-55	-61	-66	-72	-81	-85	-65	-72	-59	-46	-35	-25	-25	-15	-15	-17	-12	9
27	62	87	97	104	111	97	63	34	-6	-54	-83	-98	-96	-84	-59	-29	2	8	18
16	10	4	8	12	15	6	-3	-2	10	19	36	46	59	55	56	42	12	-11	-32
-45	-42	-37	-24	-5	10	23	35	38	43	43	47	23	3	-7	-8	-5	-3	-1	0
-31	-71	-108	-125	-118	-110	-76	-43	-2	25	32	36	41	42	37	31	25	23	23	21
24	32	39	46	54	58	46	-35	12	-18	-43	-65	-64	-61	-41	-12	11	19	23	27
20	11	0	-15	-23	-19	-15	-7	14	32	55	64	65	68	68	48	33	0	-29	-32
-39	-36	-38	-41	-44	-49	-54	-59	-46	-29	0	21	42	52	54	60	56	29	0	-21
-26	-37	-34	-32	-27	-20	-11	0	16	16	15	16	7	-9	-15	-24	-30	-37	-43	-48
-46	-45	-40	-32	-20	-5	6	15	22	23	23	17	17	10	-1	-10	-20	-24	-24	-26
-32	-39	-45	-53	-54	-52	-45	-30	-13	-1	9	17	17	17	15	20	21	19	19	5
-7	-16	-20	-19	-14	-5	2	10	16	25	31	32	30	25	15	8	-3	-17	-24	-30
-29	-27	-21	-14	-5	2	8	12	16	21	26	31	36	41	45	50	39	31	29	21
13	-1	-18	-23	-27	-32	-37	-44	-48	-43	-38	-28	-15	-3	10	32	52	62	69	75
66	47	41	35	32	19	7	-3	-17	-22	-19	-15	-8	-4	3	7	9	11	13	8
-10	-16	-14	-12	-6	3	7	12	8	7	5	5	5	2	-3	-7	-11	-16	-22	-27
-32	-38	-44	-43	-39	-29	-18	-4	10	19	22	23	20	15	12	8	4	-1	-7	-18
-27	-33	-33	-26	-21	-9	4	16	25	30	23	18	-1	-15	-12	-27	-33	-36	-37	-27
-16	-9	-6	-9	-12	-11	-11	-7	2	13	20	26	23	16	11	5	1	4	9	13
22	32	39	41	39	37	32	29	20	5	-5	-10	-17	-21	-24	-22	-20	-21	-21	-23
-24	-22	-19	-13	-6	4	13	21	29	33	34	33	26	18	8	0	-11	-12	-9	-9

-8	19	-3	2	3	-2	-9	-10	-5	-2	3	-2	-5	-6	1	11
19	12	-25	43	36	29	41	7	2	-2	13	16	21	23	19	17
12	9	-13	-30	-34	-33	-1	-14	-6	-2	5	7	3	0	3	8
8	13	12	-4	-15	-25	12	-41	-39	-37	-34	-26	-18	-12	-5	1
-27	8	20	25	26	28	16	38	40	36	31	34	32	30	-16	-23
19	16	-30	-12	-1	9	-33	34	37	38	37	21	-18	-14	28	24
0	4	15	3	2	0	12	-18	-22	-26	-25	-21	-19	-20	-10	-5
-7	2	16	25	15	12	5	5	2	-4	-10	-17	-19	-20	-19	-16
-14	-17	-16	21	28	32	24	24	20	16	13	8	5	0	-5	-10
-18	-17	-10	-5	-1	4	11	11	9	7	4	-3	-6	-10	-14	-18
-22	-26	-33	-28	-27	-25	-10	-10	0	5	4	3	2	0	-2	-5
-9	-4	-19	-24	-26	-30	-37	-37	-37	-31	-28	-14	-7	0	0	0
-6	-10	-25	-25	-18	-13	14	14	21	22	22	18	16	12	7	1
27	29	23	15	-5	-1	10	10	13	15	17	21	23	26	27	27
12	10	6	3	6	-10	-9	-9	-9	-9	-3	1	4	5	6	11
-7	-6	0	-3	-6	-10	-28	-28	-32	-33	-31	-22	-20	-16	-12	-8
20	26	28	-6	-6	-6	-11	-11	-11	-10	-8	-3	0	3	8	14
-9	-11	2	22	14	6	-12	-12	-17	-16	-13	-7	-6	-5	-5	-8
-6	-3	10	7	16	17	9	9	7	4	2	-3	-5	-7	-10	-9
-13	-15	-12	7	5	2	-7	-7	-4	-2	-1	-4	-7	-9	-10	-11
-13	-6	8	-11	-10	-9	-8	-8	-14	-17	-21	-24	-24	-23	-20	-14
-7	-4	14	20	26	27	17	17	12	6	5	3	0	-2	-4	-5
-10	-12	-12	-8	-5	1	24	24	24	4	1	42	44	40	37	-7
26	19	-5	-12	-18	-21	19	-21	-16	29	34	42	44	40	37	31
-2	0	10	16	15	-21	11	-21	-16	-12	-9	-5	-5	-6	-5	-4
1	-1	-8	-10	-13	-16	11	-13	-7	10	5	7	5	4	3	2
-8	-10	-8	-8	-7	-5	4	-13	-7	-1	4	11	7	4	-1	-5
5	9	18	14	11	7	3	4	4	2	0	-3	-3	-2	-1	2
-1	0	0	0	0	0	3	3	3	4	3	2	2	1	0	-1
-14	-11	-7	1	1	-3	-8	-8	-9	-10	-11	-12	-23	-24	-20	-17
11	17	29	31	34	35	26	46	44	41	-11	-12	-12	-10	-3	4
0	-5	-9	-9	-8	-4	3	3	6	9	38	28	21	14	5	4
13	11	-1	-6	-8	-11	-17	-17	-18	-18	-19	16	16	16	17	16
5	7	3	4	5	6	7	7	6	4	3	-13	-8	-5	-1	2
-8	-13	-14	-10	-7	-7	-9	-9	-10	-11	-13	-15	-14	-13	-12	-6
-9	-7	-1	0	2	1	-4	-4	-5	-3	-1	0	2	2	4	5
4	3	0	-1	-2	-3	-5	-5	-6	-6	-5	-2	-1	1	4	6
7	9	9	7	5	3	1	-3	-7	-9	-7	-7	-1	3	8	12
14	17	24	20	19	18	13	13	9	6	1	-7	-11	-14	-12	-10
-8	-4	4	10	13	16	26	26	28	25	23	15	11	7	3	-1
-6	-10	-11	-10	-9	-7	-5	-5	-5	-5	-4	-3	-4	-4	-5	-6
-8	-6	-2	-1	0	-1	-3	-3	-4	-5	-7	-11	-12	-12	-13	-14
-16	-18	-20	-22	-22	-21	-17	-17	-15	-13	-11	-7	-5	-2	0	2
3	4	0	-2	-5	-7	1	-19	-24	-28	-33	-37	-35	-34	-31	-27
-24	1	3	1	-2	1	-1	1	0	-1	-3	-3	-3	-3	-2	-1
1	2	0	2	1	0	2	-1	2	6	7	9	9	7	5	3
1	-1	-2	2	3	6	14	12	14	15	15	12	10	8	6	4
9	-1	-2	-1	1	3	10	10	10	10	11	12	12	12	11	10
9	9	8	8	9	13	24	24	28	31	34	36	34	30	27	23



-10	4	6	6	-2	13	8	-9	-11	-7	2	-2	-16	-5	12	2	-7	-3	-1	2	-4	3	3	10	17	12	4	-2
-10	4	6	6	-2	12	10	-9	-11	-7	3	-3	-16	-15	12	-2	-6	-4	-1	1	-4	2	4	9	17	13	4	-2
-9	5	6	6	-2	11	11	-9	-10	-7	4	-4	-15	-8	11	-1	-6	-5	-1	1	-4	2	4	7	16	13	5	-2
-9	5	6	6	-1	10	11	-9	-10	-7	3	-5	-15	-8	11	-1	-6	-5	0	1	-5	2	5	6	15	13	5	-2
-10	5	6	6	-1	12	11	-9	-10	-7	3	-6	-14	-8	10	0	-5	-6	0	0	-5	1	4	4	14	13	6	-2
-8	6	7	7	8	13	10	-9	-10	-7	2	-5	-14	-9	9	1	-5	-6	1	0	-5	0	3	4	14	13	7	-2
-8	6	7	7	8	14	13	-9	-10	-7	2	-3	-13	-9	9	1	-5	-6	2	0	-5	-1	2	3	14	13	7	-2
-9	6	7	7	8	14	13	-9	-10	-7	1	-2	-12	-10	8	2	-4	-6	3	1	-4	-2	1	3	13	14	8	-1
-9	6	7	7	8	15	15	-9	-10	-7	0	-2	-11	-10	7	3	-3	-6	4	1	-4	-2	0	3	13	14	9	-1
-3	8	6	6	4	15	15	-9	-10	-7	1	-1	-10	-10	6	4	-3	-7	5	2	-4	-3	-1	3	12	14	9	-1
-4	9	6	6	5	15	15	-9	-10	-7	3	-1	-10	-11	4	4	-3	-7	6	1	-3	-3	-1	3	12	14	10	0
-4	9	6	6	5	15	15	-9	-10	-7	4	-1	-10	-12	3	5	-3	-8	6	0	-2	-4	-2	3	13	14	10	0
-4	9	6	6	5	15	15	-9	-10	-7	4	-1	-10	-12	2	6	-2	-8	7	0	-1	-5	-2	3	13	14	11	0
-5	9	7	7	7	15	15	-9	-10	-7	4	-1	-13	-13	1	7	-2	-7	6	0	0	-6	-2	3	13	14	11	1
-6	8	7	7	8	16	16	-9	-10	-7	3	-2	-14	-14	1	7	-2	-7	5	-2	1	-6	-3	3	13	14	11	1
-7	7	7	7	8	17	17	0	-10	-7	1	-3	-15	-15	0	8	-2	-7	4	-2	2	-5	-3	3	13	14	11	2
-8	6	7	7	8	18	18	2	-10	-7	-2	-3	-15	-15	-1	9	-2	-7	3	-2	3	-4	-3	4	13	14	12	2
-9	5	6	6	6	17	17	4	-11	-7	-4	-3	-16	-16	-2	10	-2	-7	1	-2	3	-4	-2	3	12	15	12	3
-10	5	6	6	6	16	16	5	-12	-7	-5	-3	-16	-16	-3	11	-2	-7	0	-2	2	-4	0	3	12	16	12	3
-10	4	6	6	-2	15	15	7	-11	-7	-6	-3	-16	-16	-4	11	-2	-7	-1	-2	2	-4	0	3	11	16	12	3
-1	4	6	6	-2	13	13	8	-11	-7	-7	-3	-16	-16	-5	11	-2	-7	-1	-2	-4	2	4	7	17	17	4	-2

I18028 49.002.0 WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST EPICENTER 47 06 00N, 122 42 00W  
STATION NO. 000 SEATTLE, WASH. DIST ENGRS OFFC AT ARMY BASE COMP SO2M 47 33 34N, 122 20 31W  
INSTR PERIOD = 0.0810 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.370 AND 25 CYC/SEC.

PEAK VALS		ACLN = 66.5 CM/SEC/SEC AT 10.46 SEC		VELO = 8.2 CM/SEC AT 10.66 SEC		DISP = 2.4 CM AT 25.26 SEC													
		INITIAL VELO = 0.51264 CM/SEC		INITIAL DISP = 0.07488 CM															
3336 INSTRUMENT AND BASELINE CORRECTED DATA IN		MM/SEC/SEC		AT EQUALLY-SPACED INTERVALS OF		0.02 SEC													
-43	-39	-38	-27	2	37	61	55	44	29	15	0	-14	-29	-44	-59	-80	-105	-131	-148
-118	-75	-26	30	71	74	73	67	73	83	92	75	30	-21	-64	-77	-88	-84	-72	-48
1	53	77	85	74	54	10	-34	-44	-37	-27	-17	-8	27	55	48	37	32	36	37
24	4	-16	-36	-57	-76	-95	-99	-66	-1	91	85	51	11	-18	-50	-63	-51	-31	-12
1	10	15	9	3	-5	12	42	74	75	57	37	16	5	6	-2	-36	-78	-120	-163
-144	-74	3	97	146	119	85	27	-20	-35	-44	-40	-39	-35	-32	-25	-21	4	30	93
125	80	30	-30	-82	-143	-154	-123	-72	5	55	80	78	74	66	63	61	62	58	23
-26	-66	-97	-89	-70	-40	15	39	27	11	-10	-28	-18	2	34	75	116	152	123	57
-7	-69	-75	-66	-56	-62	-67	-68	9	28	5	-8	-16	-23	-31	-38	-47	-54	-63	-50
-17	28	63	68	73	74	77	60	27	-8	-44	-69	-72	-58	-21	26	29	22	14	18
22	29	34	42	48	56	55	50	29	-38	-99	-140	-122	-68	-18	23	51	74	101	101
55	4	-48	-40	-14	-21	-35	-54	-58	-52	-44	-35	-36	-40	11	48	67	81	70	44
18	-11	-15	4	22	35	46	56	39	-4	-44	-79	-68	-21	29	54	64	72	80	66
32	-6	-51	-101	-142	-178	-172	-93	-20	50	91	107	89	67	43	24	11	0	-11	-20
-24	-10	5	23	38	56	46	22	-7	-16	-8	3	7	-1	-5	0	7	15	22	16
6	-7	-14	7	41	58	24	-29	-55	-48	-38	-54	-70	-78	-72	-54	-39	-14	9	52
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IIB028 49.002.0 WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST EPICENTER 47 06 00N, 122 42 00W  
 STATION NO. 000 SEATTLE, WASH. DIST ENGRS OFFC AT ARMY BASE COMP N88W 47 33 34N, 122 23 31W  
 INSTR PERIOD = 0.0820 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -65.9 CM/SEC/SEC AT 12.90 SEC VELO = 7.9 CM/SEC AT 12.80 SEC DISP = 2.7 CM AT 39.94 SEC

INITIAL VELO = 0.04863 CM/SEC INITIAL DISP = -0.04350 CM

3335 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-43	10	21	31	22	-4	-22	-28	-29	-30	-33	-36	-39	-42	-44	-29	-14	-3	6	15
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118028 49.002.0 WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST EPICENTER 47 06 00N, 122 42 00W  
STATION NO. 000 SEATTLE, WASH. DIST ENGRS OFFC AT ARMY BASE COMP Up 47 33 34N, 122 23 31W  
INSTR PERIOD = 0.0800 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = -22.0 CM/SEC/SEC AT 12.16 SEC VELO = 2.4 CM/SEC AT 16.96 SEC DISP = -2.3 CM AT 54.28 SEC

INITIAL VELO = -0.13455 CM/SEC INITIAL DISP = -0.02263 CM

3328 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS DF 0.02 SEC

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118029 49.003.0 WESTERN WASHINGTON EARTHQUAKE APR 13, 1949 - 1156 PST EPICENTER 47 06 00N, 122 42 00W  
STATION NO. 325 CLYMPIA, WASHINGTON HWY TEST LAB COMP. S86W 47 02 00N, 122 54 00W  
INSTR PERIOD = 0.0800 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -274.6 CM/SEC/SEC AT 19.62 SEC VELO = -17.1 CM/SEC AT 8.46 SEC DISP = 10.4 CM AT 7.30 SEC

INITIAL VELC = 0.82482 CM/SEC INITIAL DISP = -0.76681 CM  
4453 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-100	105	61	59	29	-19	-170	-16	164	236	-17	141	91	-298	-447	-235	35	163	-156	-118
109	-62	-130	-43	56	-146	-135	-132	-99	162	323	59	-246	-202	-46	183	368	424	352	-151
-165	-168	-153	103	382	134	-544	-643	-246	155	556	556	104	-315	-425	-87	320	694	235	-481
-505	-129	262	730	666	-14	-374	-598	-478	64	624	390	-381	-588	-436	-221	13	369	390	-111
-562	8	412	140	-462	-836	-546	-46	435	436	240	11	-243	-332	-107	189	263	-185	-300	-163
87	57	-76	-84	-206	-184	74	264	286	158	-28	-221	-367	-163	82	162	259	253	48	-51
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IIR030 52.011.0  
 STATION NO. 023  
 INSTR PERIOD = 0.0660 SEC  
 DAMPING = 0.592  
 NORTHERN CALIFORNIA EARTHQUAKE  
 SEP 22, 1952 - 0441 PDT  
 FERNDALE CITY HALL  
 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.  
 EPICENTER 40 12 00N, 124 25 00W  
 COMP S44W 40 34 00N, 124 15 00W

[illegible]

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-16	-13	-11	-8	-6	-3	-1	2	5	7	10	13	16	19	22	25	27	30	33	35
31	26	21	16	11	12	14	17	19	22	24	27	29	31	34	33	30	26	22	-2
0	2	5	7	9	4	4	3	2	2	1	0	0	-1	-2	-2	-3	-4	-4	19
15	11	8	6	5	-9	-10	-10	-10	-10	-10	-10	-10	-11	-11	-11	-11	-11	-11	-11
-6	-6	-7	-8	-8	-7	-5	-3	-1	1	3	5	6	8	10	12	13	12	12	-11
-11	-11	-11	-10	-9	-7	-5	-3	-1	1	5	4	1	-1	-3	-5	-7	-9	-11	-11
11	10	9	9	8	8	7	7	6	6	5	4	1	-1	-1	-1	-1	-1	-1	-1
-9	-7	-4	-2	1	3	6	8	9	9	9	9	9	9	8	8	8	8	8	6
4	1	-1	-4	-6	-9	-11	-13	-14	-16	-17	-18	-17	-12	-8	-4	1	5	7	9



11	13	16	18	20	22	24	25	24	24	24	24	23	23	22	22	22	21	21	19
17	15	13	11	8	6	4	2	0	-2	-4	-5	-7	-9	-11	-12	-15	-19	-23	-26
-26	-20	-13	-7	0	4	6	8	10	12	14	16	17	17	15	14	12	10	5	7
6	4	2	1	-1	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13	-14	-15	-16	-17
-19	-21	-23	-25	-27	-29	-31	-33	-35	-37	-37	-37	-36	-36	-35	-35	-34	-33	-33	-34

118030 52-011.0 NORTHERN CALIFORNIA EARTHQUAKE SEPT 22, 1952 - 0441 PDT EPICENTER 40 12 00N, 124 25 00W  
STATION NO. 023 FERNDALE CITY HALL COMP UP 40 34 00N, 124 15 00W  
INSTR PERIOD = 0.0660 SEC DAMPING = 0.643 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 29.2 CM/SEC/SEC AT 6.22 SEC VELO = 3.0 CM/SEC AT 7.92 SEC CISP = 1.5 CM AT 51.00 SEC

INITIAL VELC = 0.09184 CM/SEC INITIAL CISP = 0.24591 CM  
2892 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

	42	23	10	-2	-26	-58	-69	-60	-52	-36	-3	33	42	22	-1	-22	-43	-45	-10
1	1	-8	-24	-16	18	42	50	52	44	34	25	30	47	56	38	8	-19	-26	-16
0	0	2	3	-3	-15	-21	-15	-3	5	2	-5	-11	-16	-11	0	8	0	-18	-32
-12	5	18	20	18	18	17	17	14	2	2	-13	-29	-42	-40	-28	-15	-2	14	22
15	5	11	22	34	46	46	46	17	-22	-47	-47	-39	-32	-20	-8	4	7	-16	-40
-16	0	-3	-20	-27	-17	-21	-13	-6	1	7	12	11	2	-7	-9	2	16	29	-36
-20	-8	7	1	-17	-35	-35	-45	-26	8	32	53	68	61	40	21	1	-18	-25	-3
-19	-14	-9	-5	-3	-1	-1	2	16	40	36	-5	-34	-33	-25	-20	-12	-2	-24	-22
-7	-22	-30	-20	-1	-22	15	27	37	38	22	3	-15	-28	-25	-10	-12	10	17	9
-33	-51	-50	-35	-21	-21	-11	-2	7	18	33	50	62	69	73	67	55	42	13	-12
																			-4
-17	-18	-10	-3	5	-26	7	-3	-15	-26	-23	-6	14	33	50	51	37	22	8	-5
-13	-4	5	-8	-8	-23	-24	-35	-23	5	32	52	45	24	4	-15	-31	-47	-63	-77
-57	-42	-38	-49	-47	14	-18	14	43	52	46	41	36	32	33	38	38	26	9	-32
-85	-121	-129	-105	-48	72	13	72	88	63	34	20	44	82	119	157	195	227	215	172
-3	-105	-169	-156	-218	-176	-219	-176	-106	-29	26	39	36	36	50	60	108	94	24	-85
-153	-163	-175	-171	-155	-51	-124	-51	48	135	196	245	292	264	160	47	-49	-119	-162	-144
-144	-110	-63	-4	72	138	183	183	200	162	87	3	-64	-114	-153	-184	-196	-166	-98	-172
130	155	161	143	124	109	109	95	82	67	51	-1	-87	-148	-173	-182	-161	-111	-55	82
88	124	120	82	33	-9	-12	13	45	81	81	92	77	61	37	-7	-46	-68	-61	-2
25	22	0	-12	-6	17	17	46	78	106	121	131	142	146	125	85	51	6	-42	-36
																			-57
-178	-186	-168	-147	-127	-104	-104	-78	-69	-74	-80	-84	-66	-32	-6	12	14	-3	-20	-34
-1	37	73	104	127	145	145	135	98	57	13	-23	-39	-51	-58	-58	-56	-55	-57	-61
-69	-58	-27	12	53	76	76	78	62	38	11	-21	-32	-22	-11	2	27	51	64	59
27	6	-16	-38	-54	-69	-69	-83	-98	-102	-85	-64	-45	-26	-7	8	13	11	9	8
25	38	53	73	95	115	115	116	94	71	50	31	13	2	4	8	12	15	12	13
-37	-58	-81	-99	-96	-81	-81	-66	-52	-38	-32	-39	-41	-35	-29	-24	-18	-13	-7	-3
10	16	24	31	27	13	13	-1	-16	-30	-44	-51	-38	-21	-3	15	40	48	42	35
21	10	-2	-13	-26	-42	-42	-60	-71	-70	-65	-57	-47	-38	-29	-20	-11	-3	5	29
20	29	39	48	57	54	54	38	21	3	-15	-34	-46	-47	-45	-45	-45	-48	-51	13
-53	-39	-26	-12	4	24	24	44	65	82	82	73	64	55	52	57	62	67	72	-59
																			50
35	20	8	-4	-16	-27	-27	-35	-40	-47	-48	-41	-32	-22	-10	1	4	-1	-6	-11
22	55	74	89	106	114	114	108	96	87	73	45	12	-19	-51	-76	-89	-95	-103	-90
-76	-66	-57	-49	-40	-34	-34	-28	-23	-17	-12	-6	4	14	24	31	34	35	38	37
33	29	25	22	17	11	11	6	7	13	19	25	32	39	46	45	29	11	-6	-22
-42	-46	-45	-42	-38	-35	-35	-31	-25	-18	-12	-6	0	5	11	13	7	0	-5	-10
-19	-19	-13	-8	-2	6	6	16	22	21	19	16	18	26	34	42	50	49	38	14
1	-12	-24	-32	-40	-48	-48	-50	-41	-30	-20	-10	0	10	15	27	28	14	-4	-16
-28	-34	-39	-37	-31	-26	-26	-22	-21	-18	-18	-21	-26	-31	-36	-35	-30	-24	-18	-23
11	21	29	35	41	39	39	29	18	10	7	5	2	-1	-3	-35	-30	2	5	0
3	2	0	-1	-3	-4	-4	-5	-7	-8	-7	-1	7	15	22	26	29	32	33	29

17	11	5	0	-5	-10	-9	-2	5	13	20	26	28	29	30	30	26	25
24	23	15	15	8	2	-4	-10	-15	-21	-26	-31	-35	-40	-39	-39	-9	-34
0	-1	-2	-3	-4	2	15	27	36	44	48	40	26	13	2	2	-30	3
-37	-38	-33	-26	-20	-14	-8	-1	5	11	15	20	25	30	31	31	14	21
0	-4	-7	-6	-6	-5	-2	2	7	12	16	20	21	23	25	25	22	18
16	4	-14	-27	-32	-34	-37	-36	-31	-26	-21	-16	-11	-6	-1	-1	-40	-27
22	26	31	35	40	44	48	44	33	21	10	-3	-16	-27	-31	-34	11	15
-16	-5	3	4	2	2	1	0	-1	-2	-3	-2	-5	-6	-5	-1	9	9
19	22	22	20	19	17	16	14	12	8	3	-2	-7	-6	-2	2	10	10
7	6	4	0	-4	-8	-11	-9	-6	-3	0	3	6	10	14	17	4	-15
-16	-14	-13	-12	-14	-20	-25	-31	-32	-27	-22	-17	-12	-7	-4	-3	-2	1
10	20	30	33	24	11	0	-13	-20	-18	-14	-10	-6	-4	-8	-8	-14	-20
-22	-19	-10	-1	26	32	16	17	19	20	20	17	13	5	5	2	-6	-12
-7	1	10	18	9	32	33	34	35	36	37	38	38	35	32	29	24	16
10	5	-1	-7	-12	-16	-19	-23	-26	-27	-25	-23	-21	-18	-16	-16	-26	-35
-40	-44	-47	-43	-37	-31	-25	-19	-15	-11	-7	-3	1	5	8	7	0	-6
-9	-12	-16	-19	-22	-25	-28	-24	-14	-3	6	12	17	21	26	27	10	-7
-12	-15	-18	-18	-13	-8	-4	1	4	4	3	2	1	0	-1	-1	-3	-4
-5	-6	-6	-7	-8	-7	-5	-3	-1	0	0	-1	-2	-3	-4	-5	-4	3
6	9	12	16	19	18	13	6	0	-1	2	7	11	15	19	23	19	8
2	-3	-9	-13	-13	-8	-4	0	4	8	11	9	3	-3	-5	-13	-20	-18
-18	-17	-16	-15	-15	-15	-14	-14	-14	-13	-13	-12	-10	-9	-7	-6	-10	-14
13	14	25	30	31	28	25	23	20	17	15	13	13	12	11	11	9	7
7	6	5	5	4	4	4	3	4	6	9	12	15	18	20	21	21	18
15	12	8	5	1	-3	-6	-10	-13	-16	-19	-21	-23	-25	-25	22	22	22
-22	-21	-21	-21	-21	-20	-20	-20	-20	-18	-14	-11	-8	-5	-2	4	7	11
19	22	18	13	8	3	-1	-4	-7	-9	-12	-15	-17	-20	-21	-19	-5	0
3	5	6	6	7	8	9	8	7	6	5	4	2	2	2	3	5	8
10	12	15	18	20	24	33	41	41	36	31	27	21	16	9	3	-10	-24
-31	-34	-30	-26	-21	-17	-13	-9	-8	-6	-5	-3	-2	0	1	3	7	16
17	11	4	-3	-8	-11	-13	-15	-17	-18	-15	-11	-8	-4	-1	2	3	3
3	3	3	2	1	-1	-2	-4	-5	-6	-6	-3	-20	-6	-10	-10	12	14
16	14	13	12	10	9	6	25	19	14	13	9	5	-6	-9	-13	-3	5
9	13	17	21	25	29	29	25	22	14	2	3	5	7	8	10	-20	-17
-16	-14	-12	-10	-9	-7	-5	-3	-2	0	11	20	25	28	31	33	26	13
14	14	14	15	15	15	15	15	14	12	15	20	25	28	31	33	20	-18
-22	-25	-28	-28	-22	-15	-8	-2	5	10	6	6	5	5	4	4	5	7
10	7	9	7	7	7	7	-4	6	6	-6	-4	-3	-1	1	0	-7	-15
8	8	9	7	4	1	-2	-4	-7	-8	7	9	10	12	13	15	18	14
-18	-20	-17	-12	-9	-5	-1	2	4	6	7	9	10	14	18	21	24	25
12	23	19	16	12	7	2	-3	-8	-10	-10	-5	-8	-7	-6	-4	-3	-4
-7	-10	-5	-6	-5	-8	-6	-2	-6	-5	-5	-4	-4	-4	-3	-2	-2	-4
-3	-4	10	20	25	30	35	39	35	27	18	10	1	3	3	3	4	4
-13	-12	-8	-10	-13	-15	-17	-17	-17	-17	-17	-17	-17	-17	-16	-16	-16	-15
-4	-12	-9	-6	-3	-1	-2	-4	-6	-7	-9	-10	-11	-11	-11	-11	-10	-8

0	7	4	7	2	-2	-6	-10	-14	-17	-20	-21	-23	-25	-26	-24	-17	-11	-5	1
7	19	13	19	19	17	16	14	13	12	10	9	7	6	5	3	2	2	1	-2
-3	-6	-5	-6	-9	-11	-12	-14	-15	-17	-18	-16	-15	-13	-11	-9	-8	-6	-4	-5
-9	-17	-13	-12	-15	-12	-9	-6	-3	1	3	3	3	3	2	2	2	2	1	0
0	14	-1	13	-4	-5	1	-1	-4	-7	-9	-15	-12	-8	-5	-2	1	4	7	10
9	9	9	9	7	4	9	9	9	10	11	12	13	14	1	15	17	5	7	8
22	23	23	25	27	20	9	15	11	6	2	12	13	14	15	15	13	18	15	21
-9	-13	-11	-13	-18	-16	-20	-10	-5	1	7	12	14	-3	-3	-3	-3	-4	-5	-7
13	11	12	11	9	8	6	4	3	1	0	-1	-1	14	14	14	15	15	15	14
-3	-2	-2	-1	1	4	2	5	6	7	8	9	10	12	13	14	15	13	11	9
7	-8	-13	-12	-7	0	0	-1	-2	-2	-3	-4	-5	-5	-6	-7	-8	-8	-8	-8
-13	-1	1	0	-10	-9	-7	-7	-8	-9	-10	-11	-11	-12	-13	-14	-14	-15	-15	-14
1	-9	-7	-5	-1	-3	-5	-7	-9	-11	-12	-14	-16	-18	-17	-16	-15	-13	-12	-10
6	3	3	1	-2	1	3	5	7	9	11	12	12	14	12	12	12	12	11	9
8	10	10	10	10	10	10	10	12	12	13	13	14	14	13	-6	-7	-6	2	5
-5	-4	-4	-4	-4	-5	-5	-5	-5	-6	-6	-5	-5	-4	-4	-3	1	8	16	-5
22	20	20	18	15	13	12	10	8	7	5	3	1	0	-2	-4	-6	-8	-10	-11
-12	-4	-4	-4	-2	-11	-11	-11	-11	-11	-11	-11	-11	-10	-9	-9	-8	-7	-7	-6
-5	6	7	9	10	13	15	16	18	20	22	23	25	27	25	29	26	24	21	19
16	14	14	11	9	3	3	2	2	1	0	0	-1	-2	-2	-3	-3	-19	-20	-19
-5	-6	-6	-6	-7	-8	-8	-8	-9	-9	-10	-11	-12	-14	-15	-16	-18	-9	-20	-14
-16	-13	-13	-10	-4	15	15	10	17	22	22	18	15	12	6	6	6	9	11	14
17	20	19	20	16	4	4	10	12	9	5	1	-3	-7	-6	-1	3	-19	12	17
21	17	13	17	16	2	2	13	12	22	-12	-15	-17	-20	-22	-22	-21	-19	-16	-16
-15	-12	-13	-12	-8	-6	16	-5	-4	-9	-4	-15	-5	-5	-5	-6	-5	-4	-2	1
3	5	5	7	12	16	16	17	17	18	18	19	20	20	21	21	22	22	22	21
20	19	19	18	16	14	14	13	12	11	10	10	9	9	8	8	7	7	6	5
4	2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-4
-2	0	0	-1	-1	-2	-2	-2	-3	-3	-3	-3	-3	-3	-2	-1	1	0	1	0
1	1	2	3	4	4	5	5	6	6	7	6	6	5	-8	-8	-9	-10	-10	-11
-11	-12	-12	-12	-12	-11	-11	-11	-11	-11	-11	-11	-11	-10	-10	-10	-10	-10	-8	-7
-10	-9	-9	-9	-9	-9	-9	-9	-9	-9	-8	-8	-8	-8	-7	-7	-7	-7	-7	-7
-7	-7	-7	-7	-7	-7	-6	-6	-5	-5	-4	-4	-3	-3	-2	-2	-1	-1	-1	0
0	4	4	4	3	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
-3	-3	-3	-4	-6	-6	-7	-8	-9	-9	-10	-11	-11	-12	-12	-13	-14	-14	-15	-16
-16	-9	-17	-17	-19	-20	-20	-20	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10
9	10	10	10	12	12	13	14	14	15	15	16	17	17	18	19	19	20	20	20
19	19	19	18	17	17	16	16	16	15	15	14	14	13	13	12	12	11	11	11
2	1	1	1	0	-1	-1	-1	-1	-2	-2	-2	-1	0	4	4	3	2	3	2
4	4	4	5	5	5	7	8	8	9	9	10	11	11	12	12	12	14	14	13

12	12	11	10	10	9	8	7	7	6	5	4	4	3	2	1	0	-1	-2
12	-2	-4	-5	-5	-6	-7	-7	-7	-9	-10	-10	-11	-12	-13	-14	-14	-13	-10
-8	-5	-3	0	2	5	7	10	12	13	14	15	15	16	17	15	14	13	12
11	10	8	7	6	5	4	2	1	0	-1	-2	-3	-4	-5	-7	-9	-5	-8
7	-5	-5	-4	-4	-3	-2	-1	0	1	2	2	2	2	5	6	7	5	

II8031 54.001.0 WHEELER RIDGE, CALIFORNIA EARTHQUAKE JAN 12, 1954 - 1534 PST EPICENTER 35 00 00N,119 01 00W  
STATION NO. 055 TAFT LINCOLN SCHOOL TUNNEL CGMP N2IE 35 09 00N,119 27 00W  
INSTR PERIOD = 0.0800 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIA = -63.9 CM/SEC/SEC AT 5.54 SEC VELO = 5.9 CM/SEC AT 5.46 SEC CISP = 1.7 CM AT 20.02 SEC

3270 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
INITIAL VELO = -0.54691 CM/SEC INITIAL DISP = 0.03580 CM									
14	-6	-15	-10	-2	8	17	27	35	25
-12	-10	8	22	12	-9	-20	-17	-12	3
3	15	22	27	22	-4	-24	-8	21	27
17	10	-24	-41	-34	-24	-13	-2	10	19
-16	-6	16	21	9	-1	-1	-2	-19	-19
-52	-40	-15	4	20	37	49	54	60	55
-61	-42	-20	3	1	-22	-23	-1	26	42
16	32	51	46	18	-13	-29	-28	-27	-23
29	72	68	35	0	-38	-66	-53	-27	0
-61	-13	35	54	60	64	66	57	43	30
-9	-15	-31	-58	-72	-58	-42	-29	-16	-12
-94	-109	-129	-131	-110	-85	-33	44	57	100
110	156	203	262	261	187	110	81	77	60
-201	-226	-153	-73	-4	-52	-7	201	435	636
-494	-334	-158	-83	-111	-112	-135	-210	-223	-113
163	128	170	125	178	-119	-192	-317	-466	-555
-208	-54	19	105	173	253	257	182	105	18
10	58	116	127	148	140	71	-4	-9	-6
-64	21	121	156	125	61	-30	-109	-143	-173
-25	14	87	86	-9	-122	-166	-72	30	156
-81	13	116	224	316	257	133	4	-133	-215
19	-41	-128	-149	-45	70	124	127	129	123
46	-1	-39	-37	-24	-12	-33	-67	-92	-50
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118031 54-001.0 WHEELER RIDGE, CALIFORNIA EARTHQUAKE JAN 12, 1954 - 1534 PST EPICENTER 35 00 00N, 119 01 00W  
 STATION NO. 095 TAFT LINCOLN SCHOOL TUNNEL COMPT UP 35 09 00N, 119 27 00W  
 INSTR PERIOD = 0.0800 SEC DAMPING = 0.621 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 35.5 CM/SEC/SEC AT 7.76 SEC VELO = 2.4 CM/SEC AT 5.16 SEC DISP = 2.9 CM AT 46.44 SEC

INITIAL VELC = -0.74926 CM/SEC INITIAL DISP = 0.08340 CM

3279 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

74	18	-17	-40	7	58	45	5	45	82	6	-120	-157	-60	25	-31	-43	51	136	116
40	-2	14	27	25	34	63	68	26	-15	-25	-26	-7	3	-6	-38	-112	-162	-105	-17
59	66	35	-21	-20	-8	-12	-20	-14	33	85	143	148	98	53	37	33	15	-3	-5
-4	-2	5	26	17	-7	-10	3	-87	-33	-135	-91	-25	54	78	29	-30	-59	-57	-69
-72	-27	44	59	-22	-65	2	111	161	108	47	-27	-36	55	76	21	-40	-70	-81	-92
-86	-59	-34	-33	-77	-36	87	233	252	118	-23	-166	-192	-161	-133	-90	-32	30	88	154
167	81	-17	-126	-205	-144	-30	40	39	14	-3	5	29	47	65	69	36	6	47	120
177	113	15	-55	-155	-119	-63	-35	-26	-29	-31	5	32	36	24	-21	-67	-112	-82	-28
32	89	147	133	71	5	-63	-120	-105	-67	-28	12	40	14	-28	-71	-118	-111	-34	24
56	84	94	89	93	98	83	54	23	8	20	35	49	23	-20	-55	-46	-38	-51	-32
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71	-9	-61	25	103	90	97	128	133	101	58	52	110	172	156	77	55	37	5	-32
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-177	-176	-140	-100	-55	-1	61	128	127	53	-23	-106	-105	-40	31	111	130	80	28	-31
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141	134	93	52	42	38	-39	-128	-230	-269	-220	-162	-100	-35	21	80	87	66	37	49
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1	-1	-4	-7	-9	-12	-17	-22	-21	-16	-10	-5	0	5	6	4	3	1

0	-2	-4	-4	-1	2	6	7	3	0	-4	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
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118032 65.001.0 PUGET SOUND, WASHINGTON EARTHQUAKE APR 29, 1965 - 0728 PST EPICENTER 47 24 00N, 122 18 00W  
 STATION NC. 325 OLYMPIA, WASHINGTON HWY TEST LAB CCMF 504E 47 02 00N, 122 54 00W  
 INSTR PERIOD = 0.0810 SEC CAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 134.2 CM/SEC/SEC AT 7.24 SEC VELO = 8.1 CM/SEC AT 8.58 SEC CISP = -2.7 CM AT 37.66 SEC

4093 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
INITIAL VELO = 0.28573 CM/SEC					INITIAL CISP = -0.15936 CM				
9	350	199	-144	-279	-128	13	131	105	-13
-144	77	233	85	0	-132	-118	29	5	-151
-6	128	143	-137	-8	-92	114	139	-5	-145
135	-231	-91	-8	194	-143	-68	307	344	-320
-58	-168	-156	-40	-409	308	141	-100	-56	257
117	-166	-214	-119	-68	-386	-221	15	91	-83
172	-46	-204	-131	-68	66	222	55	-75	94
175	128	10	110	285	419	456	182	-59	-269
-2	99	228	274	85	-96	-157	-112	-257	-245
38	-220	-262	-127	-115	-195	-136	19	61	141
-132	-21	36	-2	12	115	143	31	-158	-181
-11	61	254	251	-41	-200	-107	51	57	-128
140	-76	121	203	-53	-240	-211	-13	65	131
-89	138	304	89	-199	-389	-292	-224	-27	47
99	-156	-387	-443	-315	-22	95	-291	-521	-458
423	542	311	-90	-602	-526	-215	122	355	335
-405	26	598	582	-41	-101	60	257	-252	-317
250	458	108	-308	-540	-504	-467	-342	-319	-305
349	1001	1342	1108	716	264	-436	-282	539	964
-943	-853	-404	299	1068	1040	509	-182	-490	-164
-366	-234	-145	-162	-208	-366	-537	-490	-399	-315
-128	-17	-30	356	840	1253	1125	814	434	51
269	486	-109	-495	-256	165	127	-523	-509	-226
702	539	65	-207	-130	-45	-163	-25	443	611
-584	-55	496	166	-218	-326	-301	-259	-173	-12
73	144	299	457	382	222	58	73	123	242
-141	161	376	466	465	441	205	-174	-592	-719
172	-231	-520	-431	-251	-104	-136	-129	-112	-83
-151	28	245	292	219	121	53	59	-59	-211
-154	173	510	480	105	-95	5	175	324	230
-10	90	141	26	-131	-352	-571	-823	-876	-574
456	229	-44	-203	-97	11	94	159	126	34
578	378	159	-229	-510	-633	-680	-636	-571	-422
-71	43	60	-33	46	155	282	137	118	234
48	21	-45	-160	-274	-127	82	292	401	209
49	193	169	62	56	111	146	186	213	252
29	161	90	-31	-64	-47	-29	4	41	87
3	14	107	79	-130	-335	-244	-3	134	262
-285	-123	74	106	39	35	77	53	-10	-73
204	167	78	-19	-120	-124	-55	29	83	39
-347	-107	92	-214	-81	-347	-181	126	69	124
23	144	-214	-83	52	23	124	68	238	294
42	-144	-129	248	213	42	238	294	65	113
-33	-260	0	184	330	-33	-140	222	-48	16
65	-113	-396	-205	127	65	106	-48	381	-25
154	-63	-273	-62	87	154	-230	-31	-29	-31
-152	-376	-42	38	-15	-152	-91	237	120	-163
-56	-42	-5	38	-15	-56	-91	237	120	-163
-25	-19	105	242	193	-25	184	237	120	-163
-175	-134	-26	7	-114	-175	-179	-262	307	25
17	-96	-100	55	101	17	74	-35	77	-77
29	-148	-79	33	165	29	-53	9	92	-92
95	462	390	-259	-465	95	-77	-381	-213	-213
-84	116	314	507	290	-84	-115	816	1041	1041
421	-494	-684	-295	112	421	369	-222	-257	-257
-11	141	-496	-990	-970	-11	530	222	-257	-257
313	574	443	164	-32	313	574	175	-31	-31
-97	612	240	-390	-143	-97	-908	-1154	-657	-657
-733	-580	-155	171	-408	-733	751	68	-655	-795
57	228	119	-107	-295	57	307	25	-25	-25
745	543	221	-113	-264	745	-206	58	415	415
-361	-847	-884	-551	-159	-361	-551	-185	-25	-25
1113	51	-603	-294	197	1113	143	648	648	648
-439	264	18	-718	-1025	-439	-11	-508	-942	-942
-1	239	496	524	262	-1	-308	-402	-226	-226
-51	-274	-468	-647	-434	-51	-582	-449	-126	-126
47	-61	49	214	385	47	-582	-449	-126	-126
551	753	565	205	-162	551	-157	-68	118	336
-53	-205	-389	-545	-422	-53	-378	-227	-35	-35
533	588	438	247	32	533	297	336	423	423
10	-20	46	237	469	10	-130	-115	-58	-58
263	242	354	467	579	263	73	189	290	290
-29	-39	-69	-177	-170	-29	-82	78	90	25
-159	-188	-156	-107	-21	-159	402	428	41	-74
-146	-220	-362	-391	-148	-146	-349	-294	-205	-205
-72	-25	-92	-184	-118	-72	53	-62	-170	-170
-38	64	162	143	72	-38	201	147	70	-33
-232	-318	-407	-479	-406	-232	147	37	-58	-145
-13	3	45	100	152	-13	-43	97	63	63
274	111	42	25	7	274	-65	58	220	376

52	118	212	156	78	-63	-49	2	-98	-254	-301	-178	-57	-32	-58	-87	-114	-98	-71	-68
-148	-160	-41	61	116	162	209	256	269	271	218	53	-80	-135	-174	-188	-146	-91	-36	-64
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12	16	16	20	20	24	27	31	35	39	43	46	50	54	55	55	5					

II032 65.001.0 PUGET SOUND, WASHINGTON EARTHQUAKE APR 29, 1965 - 0728 PST EPICENTER 47 24 00N, 122 18 00W  
 STATION NO. 325 OLYMPIA, WASHINGTON HWY TEST LAB CMP S86W 47 02 00N, 122 54 00W  
 INSTR PERIOD = 0.0800 SEC CAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = -194.3 CM/SEC/SEC AT 6.42 SEC VELO = 13.1 CM/SEC AT 8.06 SEC DISP = -3.8 CM AT 7.40 SEC

INITIAL VELC = 2.46745 CM/SEC INITIAL DISP = 0.15227 CM

4058 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
82	-109	-243	62	325	96	-440	-192	97	-53	-109	55	-59	62	104	-25	-130	-148	-24	-58
-88	-21	63	331	257	-72	-50	84	227	110	-242	-265	-121	-48	29	189	-35	-334	-51	151
106	-47	-201	-164	13	90	-167	-255	-73	181	200	-5	-23	-214	-148	264	386	-255	-464	-6
21	-161	-115	20	-22	-14	233	48	11	88	189	165	23	-178	-161	73	280	150	-48	-183
-122	-70	53	168	183	162	25	41	202	-125	-518	-404	56	133	-13	104	120	91	83	-47
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105	-86	-271	-90	113	167	-288	-293	106	401	185	-74	-182	-104	-54	10	-83	-135	-62	71
125	-37	-165	38	140	-4	-111	22	287	262	-1	-148	0	192	377	210	-5	-43	-28	-33
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53	51	143	58	-189	-390	-171	81	156	40	-187	-185	110	382	321	-1	93	328	635	388
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-293	205	760	811	408	-48	-381	-97	340	659	-2	-558	-308	153	134	-521	-656	-103	645	1187
1501	1443	633	-322	-960	-466	229	26	-469	-342	-39	201	106	152	320	-492	-1069	-1459	-1421	-1266
-957	-917	-618	91	861	544	-658	-1092	-1005	-219	1015	1044	491	-250	-413	212	677	229	-115	254
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725	756	692	876	500	-52	-417	-662	-705	-611	-627	-407	-90	91	-74	-204	139	745	1036	774
382	-5	-419	-536	-216	211	359	-182	-788	-785	-519	-248	-202	-360	-358	-236	-167	-156	-35	174
436	420	-10	-326	-152	55	-44	-27	34	-41	-110	165	462	638	642	662	606	404	174	172
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II8032 65-001.0 PUGET SOUND, WASHINGTON EARTHQUAKE AFR 29, 1965 - 0728 PST EPICENTER 47 24 00N, 122 18 00W  
 STATION NO. 325 OLYMPIA, WASHINGTON HWY TEST LAB COMP Up 47 02 00N, 122 54 00W  
 INSTR PERIOD = 0.0800 SEC. DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACEN = -59.9 CM/SEC/SEC AT 0.24 SEC VELO = -3.0 CM/SEC AT 0.32 SEC DISP = 1.7 CM AT 42.78 SEC

INITIAL VELC = -0.98834 CM/SEC										INITIAL DISP = 0.06655 CM									
4091 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
-232	156	48	30	-135	49	289	426	35	-223	75	-55	-599	-395	-320	-302	-15	340	490	226
249	289	14	-335	-412	-310	-70	185	84	57	22	24	167	407	345	-165	-203	123	235	-12
99	231	375	123	-93	-180	-177	-404	-168	77	279	302	146	-54	-79	-26	-65	-161	-44	-58
113	83	-151	26	157	-149	-349	-95	-181	-385	-209	-56	156	162	6	121	254	333	-11	-248
-113	0	-3	-100	14	219	242	59	-106	-92	-171	-46	91	140	27	188	112	-25	40	-98
-266	-70	6	-116	-198	-94	137	156	89	92	177	-108	-379	-56	213	97	-11	-178	-31	87
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116033 66.001.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 013 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 2 CCMP N65E 35 43 35N, 120 17 13W  
 INSTR PERIOD = 0.0640 SEC CAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -479.6 CM/SEC/SEC AT 3.74 SEC VELO = -76.1 CM/SEC AT 4.46 SEC DISP = 26.5 CM AT 4.18 SEC

INITIAL VELO = -2.10757 CM/SEC INITIAL DISP = -1.51451 CM

2183 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

127	-1	-46	-9	12	-25	-63	-48	-5	32	81	138	140	85	47	-2	-109	-123	44	201
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[illegible]

118033 66.001.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 STATION NO. 013 CHCLANE, SHANDON, CALIFORNIA ARRAY NO. 2  
 INSTR PERIOD = 0.0560 SEC DAMPING = 0.540 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

EPICENTER 35 54 00N, 120 54 00W  
 COMP DOWN 35 43 35N, 120 17 13W

PEAK VALS ACCLN = -202.2 CM/SEC/SEC AT 2.80 SEC VELO = -14.1 CM/SEC AT 6.32 SEC DISP = 4.3 CM AT 6.10 SEC

INITIAL VELO = 1.53249 CM/SEC INITIAL DISP = 0.26656 CM

2181 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

207	15	-70	-282	-318	-78	182	181	-33	37	140	-77	-144	105	77	-144	-166	-106	50	-2
-219	-257	-110	31	-5	-160	-62	-70	-195	64	276	125	-93	-272	-165	425	464	50	-73	-338
-374	-124	103	458	450	92	-303	-333	218	588	333	-150	-202	64	165	-125	-147	200	390	187
-340	-488	-169	8	-123	-180	-201	143	374	-34	-414	6	268	-253	-793	1524	416	-682	-421	520
427	-1035	-1601	-879	540	1423	1085	674	-573	-1666	-915	238	-632	-1112	443	1524	688	-682	-421	520
691	142	328	619	-209	-544	-108	-357	93	1493	735	-1225	-610	1338	659	-719	-313	-216	-520	-793
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-2022	-1483	876	1378	-430	-1688	-1416	-682	246	-140	-918	7	878	747	370	73	-81	185	244	-301
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-205	-103	-203	-340	-366	-240	-148	-169	-216	-307	-355	-205	10	104	123	58	0	-93	-22	115
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6	-37	-49	-45	-73	-76	-34	1	-7	-59	-98	-100	-79	-61	-40	-13	20	45	26	-36

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37	35	31	24	16	9	2	-6	-14	-22	-29	-36	-35	-27	-19	-12	-8	-12	-19	-24
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37	35	33	31	29	26	25	22	21	18	17	15	13	11	9	7	5	3	1	1
-3	-5	-9	-12	-16	-19	-19	-17	-15	-13	-11	-10	-12	-19	-24	-22	-17	-14	-10	-7
-3	0	1	3	4	6	7	9	11	12	14	16	17	21	27	34	42	48	47	40
33	26	20	13	6	0	-5	-8	-10	-13	-16	-19	-21	-24	-27	-29	-31	-33	-35	37
-39	-41	-43	-44	-45	-42	-38	-35	-31	-27	-24	-22	-22	-22	-22	-22	-23	-29	-37	-45
-52	-51	-44	-37	-30	-23	-16	-9	-2	5	13	16	13	8	4	-1	-5	-9	-13	-14
-12	-10	-7	-5	-3	-1	-2	-6	-10	-14	-18	-22	-27	-32	-38	-43	-48	-49		

II8034 66-002.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 014 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 5 CCMP DCWN 35 42 00N, 120 19 42W  
 INSTR PERIOD = 0.0540 SEC DAMPING = 0.512 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -116.9 CM/SEC/SEC AT 6.20 SEC VELC = 7.3 CM/SEC AT 7.86 SEC DISP = -3.4 CM AT 6.88 SEC

INITIAL VELC = 1.23205 CM/SEC INITIAL DISP = -0.22424 CM

2194 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

202	283	30	-227	-253	-141	30	136	60	68	127	115	30	-141	-245	-59	138	179	244	188
-29	-143	-284	-375	-112	333	511	193	-304	-762	-636	-58	315	542	589	136	-335	-420	-397	-231
47	76	217	531	458	-117	-604	-598	-432	-136	427	679	220	-279	-353	-321	-162	88	117	142
274	181	-102	-254	-155	14	185	181	160	34	-141	-137	-47	52	117	70	5	-74	-134	-109
-2	140	117	55	35	-49	-63	12	11	-3	-47	-127	-91	57	132	83	-60	-128	-60	94
75	-16	-69	-181	-24	265	294	211	-30	-278	-233	-90	-31	115	195	157	138	136	-10	-191
-335	-320	-117	164	304	173	-64	-231	-92	115	158	243	116	-227	-455	-318	164	352	206	19
-306	-450	-332	-68	59	-70	-127	105	349	330	151	21	-134	-193	-54	-37	16	97	-75	-223
17	167	201	205	70	-5	-131	-180	1	53	-13	-3	-61	-19	93	62	123	123	-80	-170
-142	-55	147	334	202	-88	-255	-472	-235	276	347	258	385	54	-246	-319	-208	110	104	75
343	160	-68	-83	-218	11	254	51	-145	51	191	144	335	125	-81	196	69	-63	-42	-594
-591	282	712	294	-142	-198	-211	-928	-546	246	55	-90	-300	-292	1031	191	-428	697	820	-280
-977	-752	28	528	407	341	438	-167	-1005	-803	13	-380	-426	776	658	-77	-199	-733	-776	254
869	269	224	571	-11	-75	-450	-884	-358	41	643	755	80	-211	-335	49	503	236	-144	-11
122	-113	-57	190	-251	-575	-476	-74	276	157	189	51	-358	-167	22	-114	-81	-61	-222	197
447	178	-143	-447	-660	-115	407	114	198	-429	-1169	-581	80	538	1063	625	87	-13	-220	-175
82	-68	-225	-292	-376	-98	40	-9	88	141	-62	-154	-289	-15	571	514	-115	-58	146	-108
-19	145	481	645	682	-285	428	-290	207	251	366	314	197	-42	-100	-185	-489	-722	-650	-321
-33	187	578	634	134	-104	106	198	173	359	579	563	303	104	-6	-185	-424	-357	-342	-495
-516	-445	-302	-1	169	294	316	216	318	597	767	865	570	-56	-533	-522	-119	203	82	-127
-315	-490	-410	-170	-93	-237	-143	108	205	99	103	75	-89	-127	-168	-335	-264	92	222	155
200	153	130	155	-126	-399	-371	-390	-269	-7	-96	-301	-120	86	127	144	159	292	417	424
275	1	-171	-328	-318	-235	-151	-64	-8	37	71	30	-40	9	125	276	415	263	-68	-213
-239	-168	-99	-97	-6	159	186	153	185	124	-54	-89	-8	-21	-86	-211	-387	-469	-422	-300
-122	40	26	-104	-172	-260	-298	-243	-113	67	170	258	264	233	278	221	20	-38	-8	54
132	155	255	173	-1	-83	-95	-5	102	231	314	217	76	-76	-108	-64	-33	-10	-72	-195
-184	-104	-41	-95	-166	-121	-5	158	231	204	162	101	99	174	141	76	71	70	66	55
34	3	-59	-158	-177	-161	-157	-18	116	153	183	156	1	-61	-65	-71	-48	-86	-117	-178
-202	-120	-67	-10	80	104	54	3	-53	-58	-9	5	-8	18	53	47	25	2	-23	-31
-5	32	80	122	139	103	14	-46	-83	-58	40	54	4	-49	-95	-103	-66	-19	12	41
15	-73	-130	-154	-138	-104	-64	-30	9	76	53	-42	-51	-98	-121	0	105	140	123	99
65	28	11	45	80	89	99	94	46	4	-12	-31	-43	-47	-46	-27	4	31	50	32
-27	-77	-68	-4	41	51	-27	-113	-135	-139	-107	-30	35	82	70	43	44	1	-32	-7
21	50	73	88	98	101	93	103	133	144	134	112	53	-19	-68	-92	-114	-139	-164	-184
-192	-170	-128	-105	-134	-168	-168	-158	-128	-71	-20	-33	-76	-65	-33	-1	30	66	108	122
115	141	169	142	105	90	68	41	37	74	95	62	10	-13	-2	11	19	1	-35	-34
10	44	34	-8	-46	-69	-44	-13	-33	-67	-64	-54	-62	-68	-54	-73	-124	-113	-59	-6
42	38	-19	-31	-13	-26	-5	43	42	23	11	6	-17	-64	-64	-91	-100	-36	-3	6
48	55	4	-12	2	-22	-29	-9	-20	-40	-61	-66	-42	-22	-34	-47	-22	25	51	68
63	22	-13	-5	27	62	110	154	152	98	75	55	117	137	150	141	108	78	54	39

56	101	130	143	140	131	114	88	62	38	14	-10	-31	-49	-66	-83	-99	-104	-89	-78
-85	-101	-121	-141	-137	-141	-119	-72	-34	-26	-64	-88	-77	-53	-31	-6	6	-4	-18	-18
-8	2	10	17	25	40	61	80	85	72	58	38	11	-17	-44	-72	-93	-90	-80	-67
-23	-13	-60	-99	-104	-91	-80	-57	-28	-18	-51	-79	-71	-47	-30	-6	29	53	53	40
20	-3	-21	-24	-8	16	64	109	103	77	58	49	56	81	138	171	162	149	122	103
105	106	57	79	53	10	-21	-24	-24	-26	-3	-5	-36	-60	-78	-90	-95	-84	-66	-104
-122	-140	-153	-157	-156	-161	-176	-184	-179	-171	-151	-109	-54	-38	-58	-75	-77	-84	-12	49
97	106	87	70	49	45	62	74	71	62	57	69	90	82	55	54	94	132	141	120
80	41	38	63	64	74	95	82	48	33	25	29	34	34	28	19	5	-7	-4	25
54	69	61	52	43	36	31	26	21	16	17	26	26	17	7	0	-6	-11	-13	-10
-9	-24	-55	-78	-93	-95	-88	-87	-87	-73	-58	-62	-72	-71	-67	-57	-26	-43	-124	-112
-48	-54	-14	-1	-22	17	20	-15	13	47	49	31	18	30	46	27	17	26	17	25
37	13	-7	-29	-39	-20	24	62	37	-20	-60	-58	-27	-1	14	7	-2	6	28	29
30	51	36	27	58	78	63	58	82	99	101	79	55	58	70	83	101	108	90	60
22	3	15	27	31	32	24	9	-7	-24	-41	-57	-67	-68	-56	-43	-53	-78	-93	-90
-82	-77	-78	-76	-56	-31	-13	-19	-32	-19	1	5	-4	-16	-33	-37	-16	-2	-19	-40
-60	-77	-78	-69	-57	-28	0	-4	-17	-12	-9	-8	12	46	62	61	57	45	30	23
34	50	53	45	37	32	28	26	36	53	58	58	56	48	37	26	19	12	3	-5
8	42	54	41	28	7	-19	-27	-17	-4	16	29	22	-5	-38	-63	-73	-53	-25	-5
-6	-18	-28	-37	-40	-42	-39	-28	-24	-31	-39	-55	-68	-63	-57	-52	-47	-42	-39	-35
-32	-28	-24	-13	0	2	-4	-10	-16	-17	-11	-2	6	14	28	47	52	31	6	-4
18	37	33	28	23	19	25	44	55	54	49	45	40	39	47	59	71	83	85	78
60	49	53	65	72	62	34	8	-20	-43	-46	-35	-27	-51	-40	-50	-60	-69	-74	-75
-77	-79	-81	-82	-82	-80	-78	-76	-73	-69	-66	-62	-57	-50	-44	-38	-32	-33	-40	-44
-37	-23	-10	-2	-8	-16	-11	4	18	31	40	47	55	62	66	69	71	74	82	91
91	76	60	46	40	39	36	34	32	30	27	23	19	15	10	2	-8	-18	-26	-18
5	20	11	-8	-23	-24	-11	1	13	22	21	12	4	-4	-5	7	24	39	42	21
-5	-24	-23	-4	13	14	-7	-29	-48	-53	-44	-36	-32	-35	-39	-43	-47	-48	-46	-42
-38	-37	-41	-46	-50	-50	-48	-46	-44	-38	-27	-16	-11	-14	-15	-18	-1	20	36	51
58	52	45	39	34	30	33	51	69	76	78	69	40	16	27	53	64	59	50	32
2	-18	-20	-17	-15	-15	-19	-22	-26	-30	-33	-33	-31	-29	-27	-25	-23	-20	-15	-11
-7	-2	2	11	24	22	4	-9	-5	10	23	36	39	26	9	-6	-16	-22	-27	-30
-26	-18	-11	-4	3	9	5	-17	-35	-31	-20	-11	-1	6	15	20	25	29	32	32
31	30	28	21	9	-1	-3	3	8	14	18	19	15	12	5	7	7	10	14	18
21	16	6	-4	-14	-17	-12	-7	-2	2	0	-4	-7	-10	-14	-17	-20	-23	-26	-30
-33	-36	-39	-41	-42	-44	-46	-47	-49	-50	-51	-50	-47	-44	-41	-38	-35	-32	-29	-25
-15	-1	11	25	37	40	24	12	16	23	29	32	24	13	5	11	13	15	16	18
20	21	23	24	25	20	14	16	24	31	36	36	34	33	31	29	24	14	8	20
46	52	39	26	14	1	-10	-9	-1	6	8	-3	-16	-17	-7	4	15	25	26	18
10	-1	-14	-25	-27	-13	5	-6	-22	-21	-12	-3	5	7	7	7	4	-2	-10	-17
-22	-24	-26	-29	-35	-41	-47	-50	-45	-38	-31	-28	-32	-35	-42	-36	-26	-17	-11	-13
-16	-19	-21	-23	-24	-25	-21	-15	-9	-4	1	5	4	-5	-15	-20	-16	-12	-7	0
7	9	4	-1	-5	-4	2	6	10	7	1	-4	-9	-12	-8	2	12	17	15	11
13	20	17	6	-4	-13	-18	-12	1	13	19	15	10	5	4	9	17	24	28	27
-10	-2	20	17	15	12	9	3	-4	-8	-8	-6	-4	-1	1	4	-5	-1	-8	-13
-10	-2	5	11	9	-1	-6	-4	-1	1	2	-2	-9	-14	-13	-9	-5	-1	5	14
20	17	9	2	-5	-12	-9	5	19	32	35	22	3	-10	-10	-3	4	7	4	5
-15	-26	-23	-20	-17	-14	-12	-12	-12	-12	-12	-12	-11	-10	-8	-5	-1	4	9	14
17	20	23	26	29	32	35	36	33	28	24	20	15	11	7	3	0	-1	-3	-5
-6	-8	-10	-12	-14	-16	-18	-20	-21	-19	-14	-10	-6	-1	2	3	0	-3	-6	-9

-10	-7	-3	2	6	10	8	15	21	26	31	37	42	44	42	38	34	30	26	22	19
17	15	13	12	10	1	1	6	4	3	0	-2	-4	-6	-8	-10	-11	-10	-10	-5	-8
-7	-6	-4	-2	-1	-1	1	3	2	-4	-12	-20	-26	-27	-27	-27	-27	-27	-27	-27	-26
-25	-24	-23	-21	-20	-19	-19	-17	-15	-13	-11	-9	-7	-5	-3	1	5	9	13	17	21
25	25	33	37	38	34	34	27	21	14	8	4	2	-1	-3	-6	-8	-8	-3	2	7
12	11	7	4	0	-3	-3	-5	-3	-1	1	3	5	4	1	-2	-5	-8	-11	-14	-17
-21	-23	-23	-16	-8	-1	-1	7	13	12	5	-1	-5	-1	6	12	19	23	23	22	21
19	16	11	7	3	-1	-1	-2	0	2	5	7	9	10	5	6	4	1	-1	-4	-6
-9	-11	-13	-16	-18	-18	-18	-11	-2	7	16	20	16	12	8	4	1	-1	-4	-6	-8
-11	-12	-12	-10	-8	-6	-6	-7	-8	-9	-10	-5	2	6	1	-7	-14	-18	-18	-17	-16
-15	-14	-13	-11	-10	-8	-8	-4	1	5	9	14	17	14	6	-2	0	16	32	41	42
44	45	46	42	38	33	33	29	24	18	12	7	6	9	12	15	18	17	10	3	-3
-10	-15	-18	-19	-21	-21	-21	-15	-7	-10	-13	-9	-3	0	-8	-21	-31	-32	-29	-26	-23
-20	-18	-16	-14	-13	-15	-15	-20	-24	-26	-22	-18	-15	-10	-5	0	5	8	8	8	7
6	3	-2	-5	-2	7	7	15	16	10	5	-1	-5	-4	2	5	16	20	20	16	14
11	8	5	2	0	-2	-2	-4	-5	-6	-8	-9	-10	-12	-13	-12	-10	-8	-6	-5	-3
-5	-9	-13	-16	-20	-24	-24	-26	-25	-24	-23	-21	-20	-18	-17	-15	-14	-13	-12	-11	-10
-10	-9	-8	-8	-7	-5	-6	-6	-5	-4	-3	-2	-1	0	1	1	1	1	1	1	1
1	1	1	1	0	-2	-2	-4	-6	-8	-9	-11	-13	-15	-14	-13	-11	-10	-8	-7	-5
-4	-4	-4	-4	-4	-5	-5	-4	-5	-7	-9	-11	-14	-16	-17	-17	-11	-10	-8	-7	-5

II0035 66.003.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
STATION NO. 015 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 8 COMP N50E 35 40 18N, 120 54 00W  
INSTR PERIOD = 0.0510 SEC DAMPING = 0.599 ACCELEROGRAM IS EANC-PASS FILTERED BETWEEN C.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -232.6	CM/SEC/SEC AT	4.64 SEC	VELO =	10.8	CM/SEC AT	1.64 SEC	DISP =	4.4	CM AT	3.14 SEC
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INITIAL VELO = -0.98116 CM/SEC      INITIAL DISP = -0.67425 CM
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1310 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

5	-34	23	137	143	67	94	46	-95	-135	-108	56	120	15	17	28	-22	-17	-24	-63
-58	-92	-45	59	112	134	146	77	-59	-84	-94	-79	-65	-78	-112	-104	-42	111	114	26
110	90	-66	-91	-47	81	73	-124	-129	-68	-18	56	134	226	244	122	107	95	29	25
64	32	17	40	64	191	281	421	465	402	345	211	-48	-125	65	139	241	366	394	530
550	277	35	-135	-317	-528	-697	-759	-724	-694	-690	-527	-279	-135	-5	150	289	113	-218	-156
150	85	-312	-480	-380	-398	-469	-347	-114	-15	-52	148	404	186	172	507	525	402	514	549
541	608	610	256	-135	-289	-320	-165	-63	-172	-207	164	-236	-81	186	328	244	63	-130	-413
-580	-446	-90	185	144	-116	-257	109	483	441	158	-158	-376	-469	-382	-138	-193	-392	-225	133
265	89	-188	-358	-349	-472	-646	-265	142	10	-73	285	490	177	-263	-48	316	354	67	-208
224	38	406	418	116	79	186	115	-124	-287	-388	-608	747	-579	-373	-23	128	-51	-59	62

100	-165	-590	-636	-216	450	359	-287	-268	321	582	715	906	685	-239	-1390	-679	1087	1092	-175
-545	-266	-497	-964	-1038	249	1527	1496	1307	1180	277	1371	-2326	-1464	545	1278	757	424	168	-16
-136	-42	-117	-408	-610	-179	368	307	319	357	442	1024	554	559	304	469	601	504	72	-523
-1117	-1225	-265	1081	785	-53	-313	-127	-107	-253	-457	-558	-187	-281	-667	-502	-3	252	278	700
1017	754	528	392	53	-261	-376	-197	29	-35	-258	-284	-193	-179	-435	-609	-216	185	195	27
-87	-23	-50	-44	-104	-259	-303	-105	372	525	244	-120	-231	-47	48	131	295	94	-157	-130
-15	5	-120	-119	14	180	257	160	121	325	447	505	598	408	-76	486	-667	-650	-331	9
-261	-389	-408	-353	-382	-238	-47	-80	-312	-382	-251	-103	-155	-385	-547	-635	-567	-300	36	328
447	421	477	575	554	485	443	415	342	246	227	256	405	462	378	219	150	150	30	-65
-133	-126	-128	-54	-162	-232	-144	-57	-7	106	131	122	30	-168	-285	-336	302	-191	-73	1

137	137	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
138	138	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
139	139	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
140	140	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
141	141	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
142	142	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
143	143	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
144	144	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
145	145	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
146	146	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
147	147	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
148	148	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
149	149	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
150	150	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
151	151	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
152	152	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
153	153	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
154	154	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
155	155	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
156	156	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
157	157	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
158	158	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
159	159	283	347	423	446	382	293	195	20	-182	-364	-513	-560	-465	-322	-207	-91	13	56	149
160	160	95	107	208	177	339	467	468	443	496	554	614	618	510	372	215	-26	-318	-534	-621
161																				

[illegible]



[illegible]

I18035 66.003.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 015 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 8 COMP N40W 35 40 18N, 120 54 00W  
 INSTR PERIOD = 0.0510 SEC CAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -269.6 CM/SEC/SEC AT 4.54 SEC VELC = 11.8 CM/SEC AT 6.04 SEC DISP = -3.9 CM AT 16.18 SEC

1308 INSTRUMENT AND BASELINE CORRECTED DATA IN										INITIAL VELO = -0.24881 CM/SEC										INITIAL DISP = 0.45947 CM																													
										MM/SEC/SEC										AT EQUALLY-SPACED INTERVALS OF										0.02										SEC									
9	47	8	26	-34	-54	83	153	69	-27	2	9	-12	-60	-101	-56	15	46	20	-14																														
-9	57	91	113	-5	-45	53	105	169	170	48	3	7	-76	-97	-90	-97	-64	-76																															
-8	57	-7	54	48	23	64	93	124	71	44	86	43	-34	-26	-47	-13	47	53																															
8	45	9	-14	-12	-19	50	115	240	230	130	40	-212	-451	-478	-455	-421	-302	-104	-36																														
-65	-188	-340	-591	-743	-747	-633	-397	-84	57	216	420	602	593	522	472	419	395	429	334																														
219	35	-234	-123	68	-72	-145	20	59	155	338	515	455	199	-57	-90	5	-115	-35	105																														
-196	-470	-94	107	-228	-233	-1	-45	-215	-304	-162	-206	-312	-370	-326	-135	84	278	430	296																														
-30	-375	-492	-269	-10	194	210	200	376	535	506	286	57	-52	-256	-420	-463	-606	-569	-236																														
-70	-156	-225	-154	133	358	178	98	110	-117	-322	78	459	159	-511	-394	235	286	626	1067																														
879	287	-205	-117	68	128	54	-48	-211	-551	-105	612	870	687	407	299	459	594	496	517																														
652	466	-113	-960	-1547	-1713	-1628	-1472	-1115	-523	-242	19	588	1453	1779	1050	-57	-813	-552	-775																														
-141	1159	2030	2154	1436	-120	-1958	-2696	-2168	-826	541	952	330	-110	5	-613	-936	-499	65	477																														
839	1008	759	368	-6	-381	-246	236	523	331	-401	-688	-283	-55	-257	-584	-707	-491	-399	-269																														
179	812	1110	810	113	-337	-48	203	-20	-501	-868	-1060	-896	-135	634	949	1014	754	565	546																														
560	571	265	225	418	450	229	23	-77	-235	-427	-229	133	155	-80	-112	324	773	644	488																														
271	231	3	-282	-501	-596	-631	-667	-663	-721	-833	-475	183	396	224	-215	-496	-277	114	391																														
393	289	326	261	150	61	5	-7	0	-112	-148	-63	48	38	-30	-28	-37	-192	-178	6																														
310	500	576	533	307	-93	-323	-311	-293	-439	-555	-583	-541	-576	-515	-521	-530	-487	-357	-246																														
-74	118	244	220	154	52	-33	-34	15	-44	-133	-137	-101	-5	199	413	481	506	466	305																														
123	-71	-238	-217	-48	60	69	133	250	380	453	346	242	63	-343	-510	-450	-415	-356	-383																														
-344	-330	-352	-317	-150	22	122	85	-3	-113	-161	-97	-65	36	266	438	391	208	25	-61																														
-71	-22	53	-7	-122	-189	-183	-150	-190	-169	-119	-104	-131	-118	-4	207	399	432	421	451																														
418	378	364	382	360	225	97	143	214	202	165	192	236	240	194	57	-58	-234	-311	-306																														
-297	-297	-352	-425	-501	-450	-247	-59	94	159	285	230	75	-74	-168	-208	-225	-196	-119	57																														
202	209	224	284	369	448	457	317	161	17	-150	-322	-395	-357	-378	-357	-263	-114	-63	-24																														
82	155	260	227	209	263	273	226	176	87	22	38	68	113	172	188	178	215	263	255																														
184	91	-88	-285	-362	-392	-447	-489	-461	-397	-338	-268	-202	-135	-82	-48	-58	-69	-25	99																														
168	57	-7	-80	-94	-26	2	-47	-88	-120	-139	-103	-50	4	34	13	25	111	212	286																														
336	358	302	245	243	190	77	10	4	-6	-54	-112	-173	-235	-256	-181	-74	-26	-58	-21																														
38	40	0	-52	-133	-217	-287	-328	-310	-245	-163	-72	-19	6	41	108	175	192	173	146																														
155	142	40	-37	-80	-41	58	124	184	218	198	177	221	248	215	159	75	-16	-101	-174																														
-175	-134	-106	-102	-114	-114	-92	-57	-34	-38	-45	-18	30	97	151	130	84	68	74	105																														
156	158	180	116	127	140	50	-52	-90	-112	-187	-265	-292	-224	-185	-220	-241	-237	-212	-174																														
-92	14	20	-13	-21	3	44	77	73	5	-42	-23	-5	-16	-16	15	-1	-63	-102	-103																														
-85	-100	-84	5	95	122	61	29	56	55	106	76	35	1	-48	-116	-125	-41	29	17																														
-48	-62	-60	-78	-33	37	97	123	74	49	79	84	74	113	155	164	94	17	-25	-44																														
-29	34	89	76	5	-35	-26	-6	-12	-38	-69	-103	-125	-89	-19	34	80	123	174	206																														
187	187	206	137	45	-28	-113	-260	-353	-381	-382	-339	-295	-243	-204	-166	-128	-91	-55	-19																														
9	-1	-34	-28	-3	-8	-32	-55	-78	-89	-69	-35	-10	1	4	16	68	167	235	259																														
221	159	83	2	-44	-53	-23	7	34	34	-7	-49	-82	-81	-62	-46	-27	1	35	74																														

[illegible]

II8035 66.003.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 015 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 8 CCM DOWN 35 40 18N, 120 54 00W  
 INSTR PERIOD = 0.0520 SEC DAMPING = 0.599 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACIN = 77.7 CM/SEC/SEC AT 2.30 SEC VELO = 4.5 CM/SEC AT 5.36 SEC DISP = 2.1 CM AT 6.26 SEC

INITIAL VELO = -2.11210 CM/SEC INITIAL DISP = 0.64508 CM

1307 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC									
137	200	-92	147	196	76	-46	-78	-3	70
144	55	-7	180	8	-28	168	-60	-159	-89
128	335	160	-218	-234	164	118	-187	80	504
3	38	172	119	55	-370	-585	-210	-80	60
304	122	-480	-556	302	602	-149	-641	-247	482
575	-60	-691	-118	430	156	-389	-73	135	-385
-94	-318	44	484	173	-185	-132	-24	67	-52
59	144	-37	-278	-267	-380	-97	141	95	-46
-67	-165	-408	45	252	68	120	204	-19	-56
369	7	-202	24	190	-37	-60	173	234	118
232	474	-156	-393	-146	-38	-299	-110	58	-112
214	242	372	552	264	-39	-45	5	-87	-166
-207	-165	-238	7	297	449	572	417	-290	-513
269	181	-36	3	200	229	160	191	64	-133
32	-64	1	74	21	-7	53	120	100	49
-102	17	135	-38	-107	46	107	-31	-29	-108
30	167	19	-176	-281	-263	-283	-199	30	139
55	217	201	165	127	11	52	142	77	-56
-19	79	14	-83	-78	16	-48	-181	-240	-252
-42	-64	-81	-69	-89	-40	-60	-144	-78	-27
56	51	144	225	276	257	251	281	179	99
152	76	61	97	5	-88	-53	-124	-167	-175
-139	-75	-68	67	201	187	68	116	171	192
-162	-246	-243	-143	-96	-112	-45	-9	-43	52
-142	-144	-147	-158	-76	4	47	1	-12	77
88	119	25	19	87	58	-17	14	60	33
96	175	161	127	159	113	44	28	60	43
113	115	45	-6	4	8	-59	-108	-79	5
-20	-67	-127	-123	-50	-27	-85	-100	-58	-29
112	166	102	103	213	207	107	95	133	81
-9	-50	-20	-61	-126	-71	-40	-72	-119	-120
-1	9	1	-9	18	-25	-89	-71	-45	-35
-42	9	-63	-134	-148	-123	-95	-47	-3	24
112	133	101	40	36	27	24	83	54	31
5	31	29	82	129	86	74	116	105	79
75	39	7	11	44	42	104	97	44	15
-99	-165	-198	-187	-150	-100	-51	-53	-88	-85
18	4	-8	-2	1	10	22	22	29	49
-12	-32	-31	-18	-39	-66	-66	-41	-63	-87
52	33	20	11	8	23	44	49	35	20
191	38	-95	-133	-143	-153	-246	-71	109	246
134	191	-30	-112	-296	-557	-235	-54	177	308
144	94	-144	-61	-19	-105	-235	-87	135	-120
176	-47	65	190	635	557	131	166	-84	-382
-19	-133	-47	561	777	118	445	131	120	-179
103	-103	-28	132	20	26	6	3	87	-87
143	-13	-101	-72	-55	143	7	66	-57	-57
72	102	102	232	72	66	6	3	146	67
327	128	127	128	327	66	6	3	146	67
75	-153	-14	-43	-75	-57	6	3	146	67
20	132	20	26	6	3	146	67	146	67
81	81	63	146	67	87	-87	-87	12	-44
-52	-52	-52	12	-44	-87	-87	-87	12	-44
-35	-35	-35	-114	-44	66	66	66	-114	-44
200	200	297	157	114	179	179	179	297	157
323	323	-196	-156	-92	-144	-144	-144	-196	-156
-101	-101	-53	-41	-83	-127	-127	-127	-53	-41
102	102	-39	-130	-180	-149	-149	-149	-39	-130
14	-14	-45	-4	-26	-23	-23	-23	-45	-4
20	20	-15	33	70	18	18	18	-15	33
63	63	-21	-9	6	66	66	66	-21	-9
4	4	-16	4	-20	-50	-50	-50	-16	4
49	49	100	49	-11	60	66	66	100	49
-87	-87	-120	-87	-39	-101	-101	-101	-87	-39
-82	-82	-26	-25	2	-62	-62	-62	-82	-26
30	30	93	65	49	65	88	88	93	65
23	23	-3	4	4	-25	-25	-25	-3	4
80	80	33	22	57	82	82	82	80	33
-97	-97	-128	-142	-113	-81	-81	-81	-97	-128
4	4	10	-3	-10	7	7	7	4	10
-2	-2	4	34	35	11	11	11	-2	4
-29	-29	-32	-24	-5	35	35	35	-29	-32
3	3	-21	-28	-5	-5	-5	-5	3	-21
54	54	33	54	45	45	45	45	54	33



II8036 66.C04.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 STATION NO. 016 CHCLAME, SHANDON, CALIFORNIA ARRAY NO. 12  
 INSTR PERIOD = 0.0580 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS	ACLN = -52.1	CM/SEC/SEC AT 6.64 SEC	VELO = 7.0	CM/SEC AT 16.48 SEC	CISP = 4.1	CM AT 18.52 SEC													
2213 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																			
INITIAL VELG = -0.39441 CM/SEC INITIAL DISP = -0.61471 CM																			
-2	-16	13	-10	-20	-9	34	82	77	-7	-88	-87	-14	60	46	6	28	27	17	43
51	36	-22	-26	5	0	-30	-26	1	26	55	72	46	-49	-101	-77	-58	-49	13	117
144	48	-51	-99	-134	-101	1	85	100	32	-35	-57	-47	-13	42	87	93	83	-2	-128
-139	-81	17	72	13	-16	10	21	28	46	76	50	6	37	22	-57	-90	-25	36	19
10	66	57	-30	-45	38	67	22	-5	24	3	-61	-43	37	50	116	95	9	-78	-104
-69	11	149	239	220	38	173	174	64	-77	-186	-201	-61	76	140	234	382	402	290	155
27	4	19	-48	-216	-416	-456	-366	-256	-117	18	107	63	-85	-164	-130	-84	-196	-328	-362
-380	-250	-1	80	96	201	206	25	-135	-107	-26	-33	-51	-7	57	205	237	170	68	1
24	163	175	9	-43	21	86	130	133	51	-52	-27	91	60	8	19	101	133	89	17
-67	-141	-131	-29	69	57	-24	-95	-91	-70	-105	-70	9	25	65	166	-12	-150	-191	-74
106	58	-68	-132	-44	9	-74	-107	-60	-81	-60	60	58	-71	-75	92	118	-91	-202	24
202	-44	-307	-233	26	181	147	115	62	-86	-85	46	47	23	108	155	107	35	-86	-149
-73	104	126	-47	-123	-78	-43	68	86	-14	-14	91	185	172	47	-42	-107	-96	-112	-286
-465	-358	-32	-24	-256	-294	-99	-178	-385	-224	74	116	45	72	51	107	186	65	-166	-250
-113	-26	148	-192	-55	-32	17	95	77	37	-14	-5	169	192	74	247	376	161	35	146
137	113	108	-16	-7	107	2	-47	78	170	168	111	127	-8	-284	-361	-237	-99	-26	122
222	73	-22	40	2	150	390	383	128	9	87	-165	-521	-436	-233	-256	-114	307	483	255
55	4	-45	-89	-100	7	79	-36	-164	-169	-106	-104	-130	-57	106	247	156	-120	-277	-346
-312	-225	27	393	432	191	2	31	76	-33	-102	-5	75	36	48	223	271	141	115	145
21	-65	-65	-65	-96	-50	-3	28	42	24	55	172	231	185	118	45	-42	-104	-92	-2
66	-14	-101	5	96	82	118	186	138	-27	-122	-125	-65	30	15	-84	-45	64	99	104
64	13	51	90	14	-21	29	-5	-86	-91	-128	-228	-273	-197	-74	-17	-70	-167	-201	-99
55	167	183	136	133	50	-83	-158	-99	-7	67	90	71	72	65	-15	-80	-46	4	-6
42	149	134	14	-104	-185	-202	-165	-68	57	62	-7	-39	-3	40	-6	-94	-146	-176	-198
-162	-55	-88	-160	-228	-206	-128	-93	-20	101	133	63	-5	-16	21	57	89	63	-23	-47
-2	11	23	73	90	36	1	29	73	102	84	39	17	2	3	21	12	-10	43	110
88	32	52	64	3	-35	10	21	-31	-61	-29	8	23	85	156	223	244	218	194	169
139	107	78	51	33	46	84	101	74	30	-11	-54	-67	-32	7	25	58	75	35	36
84	106	73	-18	-94	-121	-115	-70	-2	14	-25	-16	-4	-70	-146	-164	-145	-162	-156	-49
63	113	114	140	140	100	64	48	7	-84	-107	-83	-90	-68	-23	-42	-79	-37	38	78
79	79	109	145	139	105	92	116	127	67	-22	-58	-143	-160	-151	-127	-145	-159	-134	-121
-154	-187	-163	-110	-59	-21	-67	-177	-228	-227	-200	-162	-116	-85	-83	-58	-12	34	46	-10
-44	-16	37	103	139	132	122	112	77	14	-17	-12	-49	-92	-90	-68	-15	24	3	-12
-28	-77	-87	-39	4	20	30	21	-14	-44	-35	1	11	15	38	59	65	30	-24	-53
-32	5	22	25	40	38	18	37	56	39	30	61	80	45	2	-4	4	9	40	68
66	42	20	1	-11	-21	-33	-52	-62	-35	6	-7	-87	-120	-75	-38	-24	-13	-3	4
25	87	166	163	76	56	115	111	47	8	-36	-56	-112	-56	14	36	25	71	122	137
148	149	145	134	101	49	58	-53	-60	-41	-56	-85	-98	-94	-102	-128	-137	-113	-58	-88
-22	74	124	122	125	142	121	77	16	-59	-116	-137	-132	-112	-106	-102	-59	-4	29	14
6	13	-10	-9	23	42	48	93	172	208	196	181	168	151	133	115	114	159	212	225

224	240	239	182	105	62	71	90	90	101	124	119	64	-1	-42	-48	-49	-41	-8	32
69	75	47	20	-7	-34	-61	-86	-110	-129	-143	-147	-131	-123	-157	-204	-191	-131	-120	-143
-110	-70	-86	-113	-103	-75	-57	-48	-59	-85	-88	-67	-45	-16	13	16	-11	-16	3	-33
-114	-179	-196	-167	-142	-117	-105	-93	-52	-13	4	17	31	45	57	50	24	-2	-13	4
28	45	31	5	29	71	89	98	100	99	82	61	78	129	153	124	93	97	105	98
84	86	73	8	-45	-72	-78	-65	-32	19	52	38	22	27	11	-31	-70	-110	-125	-90
-71	-127	-188	-191	-168	-146	-117	-86	-74	-104	-146	-155	-126	-94	-85	-111	-128	-110	-90	-87
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118036 66.004.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 016 CHCLAMEISHANDON, CALIFORNIA ARRAY NO. 12 COMP N40W 35 38 12N, 120 24 12W  
 INSTR PERIOD = 0.0560 SEC DAMPING = 0.563 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -63.2 CM/SEC/SEC AT 5.46 SEC VELO = -8.0 CM/SEC AT 17.80 SEC DISP = 5.7 CM AT 15.52 SEC

INITIAL VELC = 0.04276 CM/SEC INITIAL DISP = -0.40552 CM

2209 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

130	7	-78	-93	-11	69	68	-1	-8	27	58	39	33	28	-10	-20	7	32	1	-27
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44	19	-38	-65	-16	66	100	92	18	-107	-123	-52	-8	41	109	51	-75	-50	3	-25
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86	53	-42	-63	5	61	-12	-155	-240	-288	-259	-108	54	96	107	169	140	23	-55	-208
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75	18	90	65	-153	-259	-236	-168	-81	105	141	5	10	54	7	-77	-85	20	82	61
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83	88	90	86	78	70	62	53	45	40	39	40	41	42	40	37	33	30	27	27
30	33	36	40	43	43	40	37	34	31	28	25	21	19	16	13	10	7	4	1
-3	-7	-12	-18	-23	-28	-34	-39	-44	-48	-53	-58	-63	-68	-75	-80	-76	-67	-58	-48
-39	-33	-35	-38	-41	-44	-47	-51	-55	-60	-65	-69	-74	-74	-70	-65	-61	-57	-56	-60
-66	-71	-77	-83	-86	-80	-71	-63	-54	-46	-37	-30	-29	-37	-45	-51	-50	-44	-38	-32
-26	-20	-14	-8	-2	5	11	15	15	14	13	12	12	11	13	15	17	20	21	18
13	8	3	-2	-6	-4	1	4	8	12	16	19	21	22	22	22	23	23	24	27
32	36	38	37	35	33	31	29	27	26	25	25	24	24	23	22	22	21	21	22
22	22	21	19	15	12	11	14	19	23	24	19	15	11	7	3	1	-1	-2	-3
-4	-5	-6	-9	-12	-16	-19	-23	-26	-29	-28	-26	-23	-20	-18	-15	-14	-15	-16	-16
-17	-17	-17	-14	-8	-2	4	10	16	17	14	11	7	4	0	-1	0	1	2	3
4	5	6	6	5	0	-5	-10	-15	-20	-26	-31	-36	-41	-42	-34	-25	-16	-7	-1
-2	-4	-6	-8	-9	-11	-13	-15	-16	-18	-19	-20	-22	-23	-24	-25	-26	-23	-19	-14
-10	-9	-14	-21	-27	-34	-40	-42	-40	-39	-37	-36	-33	-28	-22	-17	-14	-13	-12	-11
-9	-5	2	8	15	21	26	31	35	39	43	44	45	45	46	47	47	48	47	46
46	45	45	43	38	30	23	16	8	3	2	2	2	2	2	2	0	-3	-7	-11
-14	-11	-7	-2	1	1	1	2	2	3	4	6	9	13	16	19	22	20	17	15
12	10	7	6	6	6	5	5	5	5	5	5	4	4	4	4	7	11	14	17
21	24	26	27	28	28	28	25	21	18	14	10	6	2	-4	-11	-17	-24	-30	-37
-39	-38	-36	-35	-33	-32	-30	-29	-27	-25	-24	-23	-23	-25	-26	-27	-27	-29	-30	-32
-34	-35	-37	-36	-34	-31	-29	-27	-26	-26	-24	-23	-23	-25	-26	-27	-27	-29	-30	-32

II8036 66.004.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST  
 STATION NO. 016 CHOLAME, SHANDON, CALIFORNIA ARRAY NO. 12  
 INSTR PERIOD = 0.0570 SEC CAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 44.6 CM/SEC/SEC AT 4.78 SEC VELO = 5.0 CM/SEC AT 23.82 SEC DISP = -2.6 CM AT 23.10 SEC

INITIAL VELO = -0.24345 CM/SEC																			INITIAL DISP = 0.50306 CM																		
2211 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC																			AT EQUALLY-SPACED INTERVALS OF 0.02 SEC																		
207	-75	-187	-244	-13	251	171	24	-45	-161	-231	-190	17	131	103	79	-63	-205	-53	108																		
130	156	153	-17	-94	-211	-312	-249	105	208	149	85	68	2	-195	-317	-149	175	284	180																		
146	32	-227	-199	-44	0	236	370	78	-247	-254	-118	-41	88	292	346	120	-155	-123	12																		
-80	-75	95	195	144	-51	-116	-4	52	130	292	253	37	-150	-234	-150	-77	-49	80	292																		
195	-21	-30	74	-141	-175	99	88	-116	-116	48	60	49	1	-125	-169	-97	216	390	66																		
-95	-66	-268	-355	-13	207	151	105	257	147	-146	-118	103	-30	-165	-106	-160	-11	136	189																		
277	259	108	-217	-315	-174	-44	59	179	-17	-202	-118	58	-106	-164	104	52	-193	-55	79																		
85	31	14	-162	-354	-127	250	266	80	90	43	-282	-405	-149	2	27	126	105	-5	-79																		
-126	-81	-59	-20	11	-19	31	77	11	-64	95	36	-109	-12	85	1	106	237	215	134																		
-43	-224	-180	-84	-79	27	131	180	169	119	-74	-13	116	64	-85	-231	-367	-166	154	290																		
325	129	-232	-264	-123	-54	-67	61	215	96	-237	-206	-36	2	56	159	21	-122	-131	-262																		
-206	-82	-64	106	287	413	299	-55	-213	149	290	116	192	234	-40	-256	-277	-238	65	446																		
403	-64	-405	-257	-142	-42	67	122	233	190	-80	-155	-41	-46	-64	-52	4	13	14	27																		
176	-50	-244	-19	103	81	67	58	159	4	-222	-111	21	40	161	139	12	-123	-261	-12																		
208	-5	-152	-201	-119	165	134	-106	-145	-173	-328	-334	-113	206	228	79	79	214	18	-212																		
-198	-128	-193	-31	323	361	216	200	125	-11	-57	-29	8	-64	-160	3	16	17	-75	-165																		
-109	-100	-67	160	158	-108	-199	12	248	92	-135	-108	-163	-167	57	215	333	335	165	-66																		
-184	-26	148	172	190	208	-25	-300	-258	-209	-226	-44	161	142	186	130	-116	-272	-158	15																		
181	341	336	122	-12	37	31	-56	-32	30	-81	-123	17	72	-80	-161	-112	-53	-3	72																		
169	260	207	99	87	37	-125	-178	-81	95	155	38	14	-15	-171	-290	-214	-185	-217	-120																		
-22	106	207	214	254	152	-156	-322	-221	9	135	60	22	0	-133	-175	-22	54	-5	41																		
-68	-85	-85	20	122	58	-8	46	-84	-172	-24	115	72	-95	-93	-8	-33	-66	2	36																		
39	62	54	-35	-84	22	120	167	87	-57	-93	-10	-38	-57	-15	91	33	-24	26	84																		
57	59	87	46	-33	-58	-104	-117	-41	4	2	116	71	-74	-135	-120	-126	-94	12	30																		
-104	-171	-99	-23	59	181	264	147	-107	-191	-117	-62	69	153	117	16	-66	-81	-91	-56																		
77	110	94	107	53	-5	16	57	135	138	66	-14	38	93	82	48	18	66	79	34																		
57	84	-18	-81	-69	-22	-19	29	77	29	-36	-85	-110	-85	-27	37	107	144	82	-15																		
-74	-69	-16	-45	-26	18	3	-17	9	64	28	-38	-71	-36	34	73	58	65	65	-1																		
-60	-39	52	86	47	18	-26	-113	-152	-89	-37	-18	-25	-72	-111	-103	-53	-32	-25	-30																		
-53	-33	41	7	-36	0	-9	-68	-54	-1	-13	-58	-32	-6	3	-29	-90	-64	-30	-45																		
9	28	0	33	40	-13	-3	23	-16	-79	-93	-75	-18	9	-17	-15	57	70	-11	-73																		
-68	-58	-78	-107	-102	-89	-84	-4	71	14	78	101	115	106	42	10	-1	-32	-28	25																		
61	110	131	126	93	80	109	117	132	178	174	129	78	32	32	61	51	41	38	50																		
36	-14	-34	-17	-1	20	38	31	1	-55	-135	-158	-106	-51	-37	-36	-31	-49	-92	-79																		
-18	24	7	-47	-58	-67	-119	-135	-110	-72	-7	40	56	35	-27	-25	33	61	65	81																		
116	111	46	28	58	53	72	91	46	12	-3	-12	-3	-6	-39	-76	-104	-95	-61	-61																		
-96	-88	-97	-102	-115	-106	-56	-25	-50	-77	-34	-23	-54	-75	-67	-50	-35	8	38	3																		
-42	-75	-101	-122	-119	-65	-7	-27	-62	-72	-51	-58	-58	-106	-45	-81	-27	33	-6	-56																		
-44	-3	42	51	52	55	18	-20	-9	27	60	85	101	106	115	125	121	95	81	92																		
118	152	181	173	126	86	55	46	64	83	87	60	21	-13	-23	-9	18	59	90	83																		

53	24	13	41	73	72	44	48	62	36	33	72	68	43	15	-3	-8	-12	-31	-42
-22	12	24	-8	-24	8	-11	-82	-112	-107	-92	-67	-71	-62	-49	-59	-81	-72	-60	-50
-42	-37	-35	-33	-30	-28	-31	-42	-57	-57	-37	-64	-94	-34	33	26	-16	-52	-70	-52
-37	-52	-47	-12	-20	-66	-107	-108	-80	-60	-46	-35	-35	-54	-82	-115	-130	-107	-65	-51
-35	-33	-60	-86	-88	-69	-40	0	12	-15	-22	-12	-4	-10	-10	67	135	117	110	119
116	104	101	101	102	108	141	164	135	128	159	144	102	101	118	120	144	165	158	147
127	88	58	52	50	37	31	50	28	-16	-24	-17	-22	-42	-70	-56	-83	-39	-33	-59
-68	-60	-65	-54	-33	-25	-17	-15	-29	-42	-34	-22	-14	-5	-4	-2	-16	-39	-45	-27
-56	-119	-99	-74	-82	-53	-13	-17	-48	-47	-9	1	-17	-5	23	12	-20	-30	-21	-6
17	34	30	16	5	10	27	9	-30	-23	24	57	46	2	-10	15	22	-17	-52	-31
-1	-34	-55	-26	-5	30	35	-10	-51	-63	-23	16	13	19	49	17	-27	-8	29	35
8	-16	-27	-29	-16	-3	-13	-16	16	29	-10	-39	-43	-37	-17	17	53	45	11	-18
-20	9	19	1	-14	-10	6	5	12	38	27	18	35	25	16	39	70	58	102	78
55	39	33	27	36	66	87	69	36	13	5	2	3	20	29	-2	-37	-24	0	-24
-59	-62	-34	-27	-27	-7	-25	-55	-60	-47	-49	-55	-20	23	13	-36	-42	-62	-84	-58
-38	-42	-48	-56	-77	-102	-106	-105	-105	-105	-105	-105	-102	-95	-56	-93	-85	-83	-77	-72
-66	-56	-42	-28	-14	2	15	2	-21	-5	33	61	70	67	67	66	66	67	71	83
102	116	119	115	99	66	51	58	64	69	77	90	105	112	111	110	109	109	110	122
143	162	155	120	92	92	112	132	141	115	71	48	59	66	64	73	59	27	17	15
20	40	48	33	16	8	4	1	0	4	7	2	-13	-26	-38	-50	-59	-64	-68	-76
-89	-106	-121	-119	-93	-77	-86	-105	-119	-127	-129	-132	-132	-125	-126	-124	-121	-119	-117	-114
-112	-109	-107	-106	-109	-112	-115	-109	-94	-79	-64	-52	-40	-27	-15	-4	-5	-15	-21	-13
0	11	23	34	41	39	38	36	35	33	28	15	11	2	-6	-11	-6	2	10	17
26	35	45	55	65	74	65	36	13	13	25	36	46	58	73	82	68	43	52	87
98	74	45	32	46	69	89	102	101	98	95	90	77	61	54	62	73	82	84	67
45	25	15	16	17	18	18	15	7	0	-7	-13	-11	-5	2	16	35	54	54	24
-9	-19	-16	-13	-3	14	30	31	10	-12	-25	-22	-16	-20	-30	-39	-48	-49	-35	-18
-3	-5	-29	-53	-77	-92	-38	-75	-65	-54	-50	-67	-90	-54	-85	-84	-79	-74	-69	-46
-57	-50	-42	-34	-30	-33	-76	-43	-45	-36	-17	-4	-19	-53	-70	-61	-47	-35	-30	-46
-71	-90	-95	-90	-85	-81	-76	-72	-67	-63	-57	-50	-42	-34	-26	-18	-10	-2	6	13
18	22	26	30	34	38	41	34	22	10	-2	-1	16	36	55	71	72	63	55	47
40	32	26	28	38	48	55	46	29	31	53	75	86	75	57	40	28	27	29	30
36	46	54	55	49	42	36	30	30	39	49	58	61	56	50	45	46	55	64	74
82	83	73	62	53	47	41	40	46	51	46	33	20	12	11	10	5	3	-8	-20
-32	-32	-20	-8	3	7	-3	-16	-28	-40	-52	-63	-70	-72	-74	-76	-78	-80	-84	-87
-91	-55	-58	-102	-104	-100	-93	-87	-80	-73	-67	-60	-53	-47	-44	-44	-44	-44	-44	-44
-44	-45	-45	-44	-41	-36	-31	-27	-22	-18	-13	-8	-4	-1	-2	-5	-5	-5	-4	8
10	0	-14	-28	-39	-43	-44	-45	-46	-48	-48	-46	-41	-36	-31	-26	-25	-36	-51	-54
-45	-36	-27	-18	-10	-6	-4	-1	2	9	20	31	42	53	63	72	82	92	57	98
97	97	98	101	104	107	109	112	115	117	120	121	115	115	118	122	127	131	133	133
130	122	113	109	107	103	92	72	53	34	20	17	15	13	10	4	-4	-12	-20	-29
-37	-45	-53	-60	-67	-74	-81	-86	-91	-93	-90	-88	-82	-71	-61	-50	-40	-31	-25	-31
-32	-33	-33	-34	-38	-45	-52	-52	-40	-27	-28	-39	-50	-61	-63	-56	-47	-40	-37	-42
-49	-55	-55	-46	-37	-32	-35	-40	-41	-37	-34	-30	-27	-26	-26	-26	-28	-36	-46	-43
-29	-17	-8	-10	-16	-20	-24	-23	-19	-15	-11	-6	-3	-3	-4	-6	-11	-14	-7	5
15	26	30	26	22	21	27	34	41	47	49	50	52	58	67	76	82	85	88	91
93	94	95	95	94	89	83	78	73	68	63	60	56	52	49	45	42	39	38	36
35	33	32	30	28	27	25	23	21	19	17	14	11	8	5	1	-3	-8	-13	-18
-23	-27	-32	-33	-33	-33	-34	-35	-39	-43	-46	-50	-51	-51	-51	-51	-51	-52	-56	-62
-66	-64	-55	-46	-37	-37	-47	-58	-66	-68	-64	-60	-56	-53	-50	-50	-51	-51	-51	-51



IIB037 66.005.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 057 TEMBLOR, CALIFORNIA NO. 2 COMP NO. 5M 35 45 07N, 120 15 52W  
 INSTR PERIOD = 0.0600 SEC DAMPING = 0.528 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -264.3 CM/SEC/SEC AT 4.00 SEC VELO = -14.5 CM/SEC AT 4.08 SEC DISP = 4.7 CM AT 4.00 SEC

INITIAL VELO = -0.51935 CM/SEC INITIAL DISP = -0.95955 CM

1518 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

47	58	38	69	85	77	39	30	32	-50	-66	22	69	94	85	58	58	-8	-106	-51	12
45	39	95	111	77	-137	-212	12	-84	-129	-178	-186	-102	-1	88	104	2	-71	-45	-94	-120
-28	77	98	-12	-137	-75	-79	-213	-122	-75	-79	-81	-63	-39	-17	120	269	203	-5	-91	-108
-171	-135	-7	33	-41	-57	-9	-9	146	109	-10	-48	5	117	175	197	239	265	194	90	74
20	-52	6	70	61	-79	59	59	-49	-82	-95	-132	-57	-40	-26	-12	23	57	161	100	-41
-168	-275	-308	-284	-299	-239	37	190	-8	-158	-54	-243	-257	-398	-362	-154	56	137	251	410	530
547	419	250	121	-60	-248	-294	-185	-54	122	222	387	540	478	265	-25	-279	-418	-405	-235	-93
-54	20	223	564	910	1080	1092	950	682	291	224	-172	-513	-422	24	566	715	224	-381	-937	-1105
-808	-309	164	340	207	49	151	439	455	129	129	-92	-5	241	385	376	249	-127	-602	-910	-1154
-1265	-910	-358	-51	-92	-236	-29	132	19	-184	-184	-156	291	829	1375	1703	1369	543	-534	-1691	-2507
-2643	-2368	-1851	-1107	-305	652	1603	2090	2208	2045	2045	1467	654	-101	-872	-1115	-1081	-873	165	769	398
144	134	245	14	-130	-121	-269	-356	-280	-3	-3	241	87	-81	-150	-330	-568	-731	-753	-552	-238
13	224	434	428	173	-99	-320	-321	-147	-8	-8	95	104	-29	-127	-102	-67	-100	-77	134	390
510	501	479	530	560	449	300	297	357	276	276	84	-28	-4	1	-11	52	53	-55	-136	-160
-166	-72	71	115	63	27	52	43	-4	-15	-15	7	-13	-103	-157	-137	-156	-237	-342	-422	-461
-503	-560	-621	-669	-617	-420	-184	5	107	75	75	-50	-147	-206	-200	-107	88	283	368	391	402
407	379	285	136	42	48	64	45	6	8	8	70	119	121	69	4	41	189	328	372	274
88	1	56	144	227	272	228	70	-100	-117	-117	-70	-43	5	59	35	-88	-217	-285	-273	-203
-86	55	160	193	159	38	-91	-161	-228	-271	-271	-249	-213	-203	-195	-144	-41	66	152	175	86
-76	-178	-211	-188	-120	-29	53	115	171	207	207	217	201	126	19	-34	-57	-73	-70	4	192
354	420	439	359	188	34	-35	-77	-132	-192	-192	-244	-295	-311	-278	-231	-193	-187	-176	-105	-32
7	31	57	85	115	141	137	94	62	73	73	101	127	147	135	98	66	16	-92	-182	-210
-237	-238	-180	-99	-56	-71	-104	-116	-100	-94	-94	-126	-139	-109	-73	-77	-103	-70	4	65	87
72	102	157	187	202	215	221	245	276	253	253	197	174	162	137	102	65	13	-71	-130	-145
-157	-164	-163	-147	-138	-146	-158	-167	-166	-148	-148	-119	-67	-3	60	116	127	107	113	134	111
38	-23	-15	34	84	114	80	17	-19	-21	-21	-2	26	69	111	135	130	122	112	95	73
53	36	24	30	45	43	27	26	42	56	56	47	14	-19	-52	-83	-113	-141	-163	-175	-186
-170	-153	-160	-177	-194	-198	-171	-108	-40	-22	-22	49	-67	-55	-14	42	107	149	153	140	133
134	136	128	108	86	63	56	86	130	170	170	186	173	157	141	121	95	71	60	62	64
49	10	-40	-101	-150	-154	-131	-117	-104	-84	-84	-60	-41	-32	-24	-10	5	13	-1	-23	-38
-48	-56	-51	-29	-2	31	65	86	93	101	101	123	142	124	56	77	67	55	35	11	-12
-19	-8	5	18	32	41	32	9	-16	-60	-60	-103	-112	-113	-128	-139	-127	-106	-80	-47	-40
-63	-65	-99	-108	-108	-79	-42	-12	25	61	61	131	159	159	132	123	138	140	129	116	114
131	142	136	116	62	-6	-56	-82	-100	-116	-116	-136	-149	-143	-121	-88	-61	-39	-28	-47	-79
-112	-146	-177	-187	-165	-137	-113	-91	-75	-63	-63	-52	-57	-88	-125	-140	-110	-45	17	56	84
104	116	124	121	111	105	107	116	124	134	134	143	151	140	105	64	23	-6	-13	8	40
55	66	76	79	76	60	36	14	8	14	14	4	-14	-10	6	-4	-32	-57	-76	-88	-88
-84	-96	-114	-117	-96	-68	-40	-14	6	9	9	-10	-31	-38	-27	-14	-8	0	17	47	82
103	116	113	81	55	56	61	46	18	-1	-1	-17	-22	6	43	74	86	68	45	27	11
-5	-20	-36	-51	-67	-84	-100	-118	-128	-121	-121	-109	-103	-105	-109	-111	-107	-100	-93	-84	-69

-41	-4	29	58	80	91	102	105	97	96	108	122	133	116	72	43	23	4	-7	-15
-18	-9	9	33	41	31	21	15	21	35	36	11	-18	-37	-48	-37	-10	10	4	-19
-40	-53	-60	-60	-51	-40	-29	-19	-9	0	1	-3	-8	-12	-16	-19	-22	-25	-28	-31
-34	-38	6	11	22	5	18	22	18	15	12	12	15	18	22	25	27	28	25	24
12	5	38	27	-11	40	57	64	61	58	55	39	6	-30	-56	-66	-61	-47	-28	-5
11	23	35	29	-2	-28	-35	-40	-45	-51	-56	-62	-68	-30	-63	-56	-50	-47	-47	-46
-40	-31	-22	-7	9	24	33	36	40	44	49	59	70	76	80	85	86	84	78	56
20	-8	-31	-46	-55	-64	-70	-66	-57	-51	-49	-49	-50	-61	-67	-49	-31	-21	-13	-15
-22	-12	5	23	41	60	73	69	58	51	48	44	26	-1	-19	-11	8	27	43	46
39	33	24	12	-1	-12	-20	-25	-21	-12	-10	-23	-48	-69	-83	-92	-87	-65	-42	-19
-6	-14	-26	-26	-19	-10	-2	2	-2	-10	-16	-24	-33	-36	-26	-12	2	12	16	19
22	25	29	36	44	45	37	28	20	13	6	0	-6	-17	-36	-52	-60	-64	-59	-49
-39	-29	-27	-35	-44	-53	-61	-65	-62	-55	-48	-42	-34	-27	-19	-6	8	23	34	31
22	15	7	-1	-8	-5	5	16	26	34	40	46	50	50	51	51	52	51	47	41
34	27	23	27	39	51	60	59	52	46	40	31	19	8	-6	-20	-19	-6	7	21
31	30	20	9	5	11	11	5	-2	-8	-10	-11	-12	-13	-14	-15	-16	-17	-18	-18
-15	-7	2	11	13	4	-10	-19	-13	-1	12	25	40	48	38	21	4	-17	-34	-38
-37	-38	-38	-38	-38	-40	-44	-49	-54	-57	-56	-51	-45	-39	-31	-19	-8	-6	-12	-18
-22	-21	-17	-14	-11	-7	0	7	14	23	32	42	51	55	52	48	45	41	37	34
30	27	23	20	16	12	8	4	0	0	3	7	11	15	18	20	22	24	25	21
16	10	5	3	8	13	18	17	9	1	-7	-16	-27	-38	-47	-47	-43	-39	-35	-32
-34	-39	-44	-48	-52	-55	-57	-60	-62	-56	-39	-21	-4	7	15	22	29	31	27	23
18	13	9	6	11	20	28	37	43	43	41	39	37	31	17	2	-12	-18	-14	-7
-1	5	9	11	14	17	20	26	31	27	13	-2	-9	-7	-5	-2	0	1	1	1
0	0	0	-1	-4	-7	-11	-14	-13	-6	2	11	16	9	-5	-18	-31	-40	-34	-19
-4	11	27	38	36	25	15	6	0	-2	-5	-8	-14	-26	-33	-24	-11	2	14	18
16	14	12	11	13	17	22	26	27	21	12	3	-6	-15	-25	-31	-25	-12	1	14
27	40	45	37	24	13	3	-1	-2	-3	-4	-5	-6	-8	-11	-16	-20	-25	-26	-18
-5	9	22	35	40	35	29	23	18	17	16	15	14	13	12	10	9	7	5	6
11	15	20	15	6	-11	-21	-16	-5	4	5	-4	-15	-22	-16	-6	6	17	22	24
26	27	27	22	15	8	2	-2	-5	-7	-10	-12	-13	-9	-4	1	-1	-13	-26	-32
-24	-9	5	19	31	32	27	23	18	13	8	4	0	-4	-7	-10	-14	-17	-20	-23
-25	-26	-26	-26	-27	-27	-25	-17	-6	5	16	24	27	28	30	31	34	37	41	45
49	48	39	29	18	10	6	2	-1	-5	-8	-11	-13	-16	-18	-18	-15	-10	-5	-1
4	8	10	6	0	-5	-11	-16	-19	-22	-24	-27	-29	-25	-16	-7	2	11	14	13
12	11	10	7	2	-4	-10	-16	-21	-23	-24	-24	-23	-20	-13	-4	4	8	14	13



II8037 66.CC5.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
STATION NO. 097 TEMBLOR, CALIFORNIA NO. 2 COMP S25W 35 45 07N, 120 15 52W  
INSTR PERIOD = 0.0580 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACN = -340.8 CM/SEC/SEC AT 4.30 SEC VELC = 22.5 CM/SEC AT 4.24 SEC DISP = -5.5 CM AT 3.00 SEC

INITIAL VELO = 0.12615 CM/SEC INITIAL DISP = 0.86584 CM

1520 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-105	28	29	21	24	-63	-105	-118	-109	-5	111	81	91	160	112	6	2	-11	-141	-160
-98	-42	90	196	162	81	-29	-134	-137	-60	14	122	154	39	-37	7	-1	-32	21	63
14	-27	18	51	15	31	42	-56	-99	-35	-27	-41	31	55	45	61	21	-47	-68	-154
-236	-255	-216	-222	-259	-279	-300	-274	-136	13	-1	-113	-139	-155	-177	-201	-178	-105	-61	-32
23	46	22	57	78	54	113	219	212	152	175	200	166	139	173	169	117	84	115	181
186	128	67	48	41	-24	-58	-1	71	101	48	-74	-160	-172	-142	-54	-28	-130	-122	36
140	11	-289	-451	-404	-326	-324	-280	-159	6	127	151	234	366	405	243	-198	-670	-890	-825
-416	117	390	525	625	550	434	414	509	674	789	783	645	459	334	295	328	342	111	-400
-838	-582	146	512	581	467	414	481	445	152	-299	-553	-496	-380	-448	-660	-955	-1269	-1460	-1455
-1413	-1077	-473	339	1329	1933	1990	1792	1391	741	229	-48	-563	-1162	-1530	-1520	-1348	-1255	-1057	-643
-68	261	561	1044	1498	1733	1797	1875	2010	2164	2067	1364	218	-1425	-2990	-3408	-3280	-1989	-528	-28
157	336	758	1462	1607	1210	723	-40	-642	-802	-437	-102	-253	-487	-605	-644	-561	-312	-4	101
77	143	201	143	132	257	439	500	360	162	-80	-210	-222	-270	-387	-496	-417	-186	70	242
359	451	466	345	224	162	69	-49	7	156	237	212	134	20	-91	-72	50	160	155	85
67	123	234	287	185	14	-40	20	22	-66	-140	-100	72	176	152	55	65	37	-20	-95
-141	-110	-50	-109	-290	-474	-608	-673	-689	-675	-597	-375	-107	82	163	92	9	-49	-60	3
126	258	247	34	-181	-219	-130	-108	-180	-224	-177	-56	-8	89	57	54	81	144	213	268
269	233	212	236	273	243	117	-51	-160	-177	-132	-73	-35	-40	-101	-167	-190	-183	-141	-62
15	38	-4	-65	-112	-149	-176	-192	-151	-175	-125	-14	107	205	300	367	375	320	245	116
-80	-202	-223	-207	-157	-81	27	145	284	356	454	434	330	212	115	48	-20	-102	-158	-254
-259	-227	-153	-47	4	-18	-44	-73	-106	-143	-179	-216	-232	-211	-168	-59	-69	-104	-136	-175
-212	-246	-277	-299	-279	-233	-172	-84	-8	32	75	144	210	246	232	209	208	222	215	234
263	246	208	217	206	98	-48	-173	-232	-262	-272	-225	-171	-130	-76	-8	71	183	282	295
273	257	220	166	110	51	-10	-78	-126	-111	-69	-27	18	22	-27	-85	-141	-165	-147	-132
-140	-157	-134	-79	-38	-12	9	12	-21	-59	-55	-2	49	91	118	98	56	15	-19	-11
24	31	28	61	111	158	153	103	56	28	45	91	154	165	113	93	105	82	28	-25
-72	-84	-67	-53	-50	-53	-56	-50	-17	27	64	58	108	56	-28	-107	-154	-159	-130	-64
32	53	92	59	34	18	7	-3	-10	-18	-22	-21	-1	43	114	158	256	272	243	208
194	201	186	141	94	37	-21	-46	-44	-55	-87	-123	-154	-160	-135	-136	-164	-187	-170	-133
-103	-99	-121	-131	-123	-102	-65	-28	-10	-17	-40	-69	-97	-119	-111	-80	-56	-42	-34	-23
-19	-29	-46	-45	-12	32	71	86	62	42	36	33	23	0	-25	-22	12	38	31	7
-8	-8	5	23	49	75	94	88	71	56	42	32	21	11	8	12	16	21	22	5
-28	-55	-78	-83	-87	-93	-108	-125	-111	-81	-55	-29	-23	-39	-50	-30	8	35	30	11
22	63	103	132	155	170	173	169	145	107	71	38	5	-22	-27	-20	-19	-27	-43	-52
-42	-21	-1	17	28	35	42	45	33	13	-6	-22	-36	-68	-127	-178	-176	-132	-90	-47
-6	37	73	63	8	-45	-100	-136	-113	-59	-19	13	44	67	65	55	46	30	19	28
38	25	-11	-34	-23	0	2	-25	-16	26	8	-12	23	60	84	88	61	31	6	-13
-17	-16	-16	-14	-9	-1	6	4	-17	-41	-53	-61	-68	-65	-67	-65	-59	-50	-41	-33
-21	-3	16	34	35	24	10	16	39	62	87	114	139	146	125	110	93	76	61	46
22	-14	-48	-65	-71	-71	-60	-46	-35	-25	-21	-29	-39	-47	-38	-4	28	54	63	39

5	-19	-32	-31	-27	-25	-21	-22	-33	-48	-60	-55	-33	-14	-1	6	14	21	15	-20
-59	-65	-46	-27	-9	8	25	44	67	89	90	63	36	13	11	37	67	95	106	91
73	56	44	36	28	20	13	8	4	0	-4	-9	-88	-21	-28	-37	-42	-36	-26	-17
-7	-4	1	7	16	25	24	9	-11	-33	-56	-76	-53	-81	-67	-54	-38	-22	-9	-2
33	-23	-38	-39	-27	-16	-5	5	17	32	47	59	53	31	9	-4	1	12	21	29
-32	31	28	18	-2	-22	-33	-27	-16	-6	5	12	8	0	-7	-14	-20	-25	-30	-35
-13	-18	-4	11	26	42	55	50	30	11	-10	-31	-43	-40	-33	-27	-22	-18	-14	-10
64	-26	-36	-33	-24	-19	-21	-29	-39	-55	-71	-70	-51	-32	-13	9	35	61	65	88
45	38	42	54	61	52	4	14	32	51	68	76	80	84	85	81	76	70	63	54
						29	8	-7	-12	-16	-16	-11	-13	-26	-43	-58	-69	-72	-74
-76	-75	-76	-60	-40	-23	-18	-30	-42	-54	-66	-76	-73	-61	-50	-39	-29	-19	-10	0
9	13	10	5	2	4	18	33	41	32	16	2	-13	-27	-38	-35	-26	-17	-8	1
10	19	29	32	24	12	20	-5	7	34	58	76	87	98	104	94	78	63	45	23
2	-19	-34	-33	-28	-24	-20	-15	-12	-15	-22	-28	-35	-35	-40	-40	-41	-42	-43	-43
-44	-47	-49	-51	-49	-38	-26	-15	-11	-10	-8	-7	-6	-7	-15	-17	4	31	57	76
73	59	46	34	22	17	16	14	13	12	11	5	6	1	-6	-12	-18	-22	-19	-12
-5	8	26	44	56	47	25	6	6	-13	-22	-27	-22	-13	-5	1	2	3	3	3
4	4	3	2	2	6	19	33	46	55	48	33	19	4	-5	3	18	30	37	35
31	29	25	21	16	11	7	2	-3	-7	-11	-16	-20	-25	-27	-28	-29	-29	-30	-31
-31	-33	-34	-36	-37	-39	-40	-39	-37	-36	-34	-32	-30	-28	-27	-26	-25	-24	-23	-20
-12	-1	9	20	29	38	44	44	38	32	26	26	34	43	51	56	50	41	34	32
35	38	39	26	4	-16	-33	-42	-37	-17	2	9	0	-10	-20	-29	-33	-33	-34	-35
-37	-42	-49	-55	-58	-52	-44	-37	-30	-22	-11	0	3	-9	-23	-36	-41	-33	-24	-16
-8	0	6	6	5	4	4	3	5	11	17	22	28	33	38	43	46	50	54	58
61	64	68	71	75	75	65	50	37	23	16	10	5	0	-6	-11	-16	-21	-25	-29
-34	-38	-41	-44	-47	-51	-53	-53	-51	-50	-47	-46	-45	-42	-35	-25	-16	-6	0	0
-2	-3	-3	-4	-4	-5	-5	-5	-3	-1	2	4	5	7	10	15	19	24	28	33
36	39	36	29	22	15	8	2	-3	-3	-3	-3	-3	-6	-13	-22	-30	-38	-46	-47
-36	-23	-10	3	14	17	13	10	6	3	-1	-4	-6	-8	-5	-11	-12	-14	-11	-3
7	16	25	28	26	25	23	21	20	18	16	16	15	15	15	15	15	15	14	14
14	14	13	9	1	-7	-15	-22	-30	-38	-46	-52	-50	-39	-27	-16	-6	-1	-1	-1
-1	-1	-1	-1	-2	-2	-2	-1	2	5	7	10	12	12	10	9	8	7	5	4
-16	-17	-18	-22	-25	-28	-32	-35	-38	-42	-44	-41	-33	-24	-15	-12	-13	-13	-14	-15
35	39	40	42	44	46	47	49	51	53	55	56	57	59	60	62	63	64	64	58
51	45	38	32	25	19	14	9	4	-1	-6	-11	-15	-20	-25	-30	-32	-30	-26	-25

II8037 66.005.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
STATION NO. 097 TEMBLOR, CALIFORNIA NO. 2 COMP DOWN 35 45 07N, 120 15 52W  
INSTR PERIOD = 0.0600 SEC CAMPING = 0.583 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -129.8 CM/SEC/SEC AT 4.26 SEC VELO = 4.4 CM/SEC AT 4.64 SEC DISP = 1.4 CM AT 8.42 SEC

INITIAL VELC = -1.29885 CM/SEC INITIAL DISP = 0.02292 CM

1518 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

33	25	-93	49	267	127	86	283	564	567	211	-215	-884	-1298	-778	171	622	169	115	689
16	55	-32	-124	-84	201	320	234	136	143	180	212	29	-226	-230	-157	-223	-302	-253	-138
-51	-50	-49	-118	-188	-396	-277	-62	100	282	438	413	233	-7	-240	-383	-413	-364	-269	-126
127	143	158	102	-44	430	322	150	42	-58	-142	-203	-259	-295	-277	-233	-183	-138	-131	-135
-141	-151	-167	-181	-60	-158	-205	-213	-118	-13	52	54	43	55	105	198	289	270	165	132
164	43	-23	38	-59	-3	-81	-131	-109	-57	-30	-60	-116	-163	-164	-113	-64	-47	-76	-94
99	42	146	254	173	-116	-79	10	128	244	285	231	155	87	61	107	127	108	107	127
139	105	-172	-358	-224	130	142	86	-4	-72	-86	-81	-97	-118	-146	-183	-182	-114	-25	40
-327	-345	-232	-108	-83	-72	-43	3	58	57	112	119	123	124	153	201	237	244	194	97
-226	-253	-443	-447	-204	-25	-11	-27	10	80	122	116	101	113	84	-32	-161	-207	-191	-188
-40	124	117	117	166	127	86	283	564	567	211	-215	-884	-1298	-778	171	622	169	115	689
585	155	-186	-258	-64	201	320	234	136	143	180	212	29	-226	-230	-157	-223	-302	-253	-138
10	92	-7	-175	-317	-396	-277	-62	100	282	438	413	233	-7	-240	-383	-413	-364	-269	-126
60	258	325	281	353	430	322	150	42	-58	-142	-203	-259	-295	-277	-233	-183	-138	-131	-135
-105	-32	5	-91	-165	-158	-205	-213	-118	-13	52	54	43	55	105	198	289	270	165	132
120	76	61	99	81	-3	-81	-131	-109	-57	-30	-60	-116	-163	-164	-113	-64	-47	-76	-94
-72	-38	-32	-69	-108	-116	-79	10	128	244	285	231	155	87	61	107	127	108	107	127
147	142	111	86	94	130	142	86	-4	-72	-86	-81	-97	-118	-146	-183	-182	-114	-25	40
45	15	-11	-42	-69	-72	-43	3	58	57	112	119	123	124	153	201	237	244	194	97
-4	-35	-9	-20	-49	-25	-11	-27	10	80	122	116	101	113	84	-32	-161	-207	-191	-188
-145	-81	-60	-51	-50	-55	-61	-68	-78	-80	-53	-10	31	43	5	-34	-59	-59	-62	-85
-111	-117	-93	-64	-49	-40	-31	-22	-11	9	40	69	95	108	88	52	17	-3	20	51
44	3	-25	-14	-4	-36	-61	-36	0	-6	-42	-72	-91	-107	-125	-137	-122	-89	-65	-55
-47	-37	-27	-20	4	49	76	53	18	15	26	36	44	50	57	63	72	77	57	12
-26	-44	-55	-67	-79	-79	-55	-24	-1	2	-7	-14	-21	-23	-16	-6	3	7	-2	-17
-28	-15	19	40	49	57	58	40	19	17	39	62	85	102	100	91	84	77	72	67
59	37	6	-12	-12	-13	-31	-64	-96	-126	-132	-104	-71	-47	-41	-41	-30	-12	6	25
36	22	-8	-17	-13	-32	-47	-27	0	25	52	62	30	12	44	65	48	28	44	76
82	54	22	0	-8	-11	-16	-20	-24	-28	-33	-38	-51	-54	-25	-15	-34	-51	-44	-27
-11	4	17	29	40	43	34	26	16	7	11	20	5	-20	-31	-26	-17	-9	-3	0
2	3	5	7	13	31	49	45	23	1	-15	-29	-36	-27	-13	-1	8	15	16	3
-9	0	24	47	63	55	36	36	62	74	56	37	37	46	54	41	7	-15	-28	-40
-53	-67	-76	-70	-55	-47	-44	-41	-38	-33	-25	-16	-8	1	10	27	51	77	54	87
70	56	43	36	46	66	86	107	122	120	114	107	93	75	61	54	49	41	18	-23
-50	-53	-52	-52	-44	-30	-26	-39	-57	-74	-79	-72	-64	-57	-58	-66	-74	-78	-77	-75
-72	-63	-49	-35	-23	-15	-9	4	24	44	50	25	-6	-16	-11	-6	-1	-5	-16	-27
-37	-41	-42	-42	-36	-25	-14	-3	-3	-17	-29	-31	-26	-21	-10	13	38	49	44	37
31	25	19	13	7	1	-5	-12	-20	-28	-27	-19	-10	-3	-3	-10	-16	-22	-26	-30
-17	29	48	32	28	40	59	63	47	29	21	21	21	22	35	50	39	16	-3	-20
-35	-51	-56	-45	-29	-18	-20	-31	-36	-32	-27	-21	-12	-2	-4	-20	-29	-20	-5	5

-3	-23	-42	-59	-44	-28	-13	-1	10	22	31	29	16	3	-6	-3	4	11	18
22	-30	-34	-28	-23	-18	-11	2	-29	-15	-44	10	10	4	-2	-17	-13	-17	-21
-26	47	52	37	3	-7	-8	-9	16	31	44	48	40	31	22	17	22	31	39
-26	-18	0	37	36	28	22	15	-10	-11	-15	-21	-29	-36	-43	-47	-43	-37	-32
-15	-14	-14	-12	-5	-2	4	12	9	6	5	3	1	-2	-7	-11	-15	-17	-16
-5	1	16	29	33	29	25	20	23	45	71	78	55	24	2	8	27	23	6
-28	-25	-14	36	33	29	25	12	16	12	8	4	0	-4	-8	-12	-16	-20	-24
27	37	48	8	10	0	-11	22	-25	-14	13	13	24	34	42	36	14	7	17
-53	-56	-56	-35	-24	-12	-1	3	-6	-18	-29	-31	-25	-18	-19	-28	-37	-45	-50
17	23	28	35	35	35	35	35	35	33	30	27	25	22	15	5	-4	-14	-23
-26	-21	-15	-3	3	9	13	17	21	24	28	31	34	35	32	28	24	21	17
13	9	4	-2	-13	-19	-24	-30	-33	-34	-35	-36	-37	-38	-40	-40	-38	-36	-34
-31	-29	-27	-20	-15	-10	-5	0	5	4	-5	-14	-33	-22	-8	8	25	35	24
4	-16	-29	-13	-4	6	13	16	20	23	27	30	33	37	38	33	26	20	14
8	2	0	-4	-5	-7	-9	-11	-13	-17	-21	-25	-28	-31	-32	-32	-32	-32	-32
-31	-28	-26	-20	-18	-15	-12	-7	-3	1	4	4	0	-4	-8	-12	-16	-17	-15
-12	-10	-8	-4	-2	0	3	5	8	11	14	16	19	22	25	27	27	25	23
22	20	18	15	13	11	8	5	3	0	-3	-6	-9	-12	-14	-17	-17	-14	-10
-6	-2	2	1	-5	-11	-16	-21	-22	-19	-15	-12	-9	-6	-3	0	0	-1	-1
-2	-3	-3	-4	-5	-6	-6	-7	-8	-8	-9	-8	-6	-5	-3	-2	-1	1	2
4	5	7	10	11	12	12	11	10	9	8	7	6	5	4	3	2	1	1
0	0	0	-1	-1	-1	-1	-3	-9	-17	-18	-9	2	13	24	34	40	42	44
47	49	52	45	37	30	22	16	13	12	10	9	7	5	2	-1	-3	-6	-9
-12	-14	-17	-21	-24	-26	-28	-27	-24	-21	-19	-16	-13	-11	-8	-6	-4	-2	1
2	5	5	2	0	-1	-3	-5	-7	-7	-7	-6	-6	-6	-5	-5	-5	-4	-4
-3	-1	2	7	10	13	16	15	12	9	6	3	0	-3	-3	-1	0	1	2
3	5	6	7	5	2	-1	-4	-7	-10	-12	-15	-18	-21	-21	-20	-19	-18	-17
-16	-15	-15	-13	-12	-11	-10	-9	-8	-8	-8	-7	-6	-6	-5	-5	-4	-4	-3
-3	-2	-2	-1	-1	-3	-4	-6	-8	-9	-11	-12	-14	-15	-16	-15	-12	-9	-6
-3	0	3	9	12	15	18	21	24	27	29	32	34	37	39	41	44	46	45
41	38	34	27	22	16	10	4	-2	-8	-13	-16	-19	-21	-24	-27	-29	-29	-26
-23	-20	-17	-11	-8	-6	-3	-1	1	3	6	8	10	11	13	15	16	16	19
23	25	35	48	49	44	37	30	23	16	10	6	7	9	10	12	13	15	15
13	10	8	3	1	-1	-4	-6	-9	-12	-15	-17	-20	-20	-20	-19	-18	-18	-17
-16	-16	-15	-14	-13	-11	-12	-9	-5	-1	-3	-6	-10	-13	-16	-19	-20	-18	-17

IIBG38 66-007.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 083 SAN LUIS OBISPO REC BLOG CCMF N36W 35 17 00N, 120 40 00W  
 INSTR PERIOD = 0.0800 SEC DAMPING = 0.563 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -14.2 CM/SEC/SEC AT 0.48 SEC VELG = -1.1 CM/SEC AT 20.46 SEC DISP = 1.2 CM AT 19.80 SEC

INITIAL VELG = -0.15209 CM/SEC INITIAL DISP = -0.01777 CM

1484 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

76	-11	-67	-80	-55	-31	-4	24	11	-4	13	34	59	66	54	41	29	21	11	-4
-19	-44	-79	-115	-142	-107	-51	4	39	56	45	40	53	79	81	52	20	20	42	69
79	41	-4	-30	-37	-43	-47	-51	-51	-50	-34	-10	14	33	25	12	8	17	33	25
-16	-68	-87	-43	9	56	56	52	61	82	81	51	15	-13	-12	-3	-1	-16	-32	-46
-26	1	35	35	3	-34	-62	-46	-16	17	48	24	24	-3	15	6	42	81	64	13
-44	-55	-69	-4	24	19	10	0	-10	-20	-29	-23	-10	3	15	23	32	40	27	1
-32	-82	-108	-80	-35	18	66	51	2	-35	-36	-26	-23	-39	-33	-19	-4	13	14	-9
-30	-32	-25	-18	-10	-3	7	6	-21	-65	-64	-1	67	124	121	109	73	21	-37	-63
-48	-33	-13	-26	-56	-90	-61	1	76	94	19	-10	11	40	71	57	-9	-23	16	24
11	4	14	33	26	-16	-62	-72	-40	-5	26	26	17	6	-3	-15	-15	2	19	35
4	-47	-98	-88	-45	4	19	6	-12	-19	8	44	79	70	29	-6	-2	15	8	3
13	24	12	-32	-61	-45	-15	4	17	31	40	25	0	-16	-8	5	19	34	39	22
1	-23	-39	-37	-30	-22	-14	-6	-3	-25	-50	-38	-19	-24	-35	-44	-43	-36	-16	4
23	38	54	61	53	45	34	33	45	59	73	65	38	11	-20	-38	-38	-34	-25	-28
-49	-81	-100	-78	-39	-17	-24	-8	12	35	58	65	58	47	32	25	29	39	38	22
4	2	13	25	36	33	23	20	27	35	43	26	5	-22	-25	1	28	31	15	6
-2	2	4	-10	-28	-16	2	27	29	-14	-74	-85	-48	-10	-13	-36	-66	-66	-32	6
34	57	80	101	89	60	28	3	-18	-39	-53	-50	-43	-34	-22	-23	-38	-54	-73	-72
-42	-10	25	33	13	-5	9	20	4	-23	-29	-6	20	37	22	3	-21	-33	-31	-24
-18	-10	-15	-31	-49	-46	-25	-3	1	-12	-25	-14	13	29	17	-2	-1	19	34	28
16	2	-9	-12	-13	-14	-15	-15	-22	-33	-43	-37	-24	-12	2	3	-11	-28	-34	-15
6	31	25	3	-26	-37	-24	-6	12	29	24	8	-12	-21	-12	0	12	25	31	21
9	-6	-8	17	45	68	49	24	9	2	-5	-11	-18	-17	-12	-7	-2	8	17	28
26	3	-24	-30	-17	-3	14	22	15	4	-7	-19	-30	-40	-32	-15	2	20	35	32
20	15	20	25	31	36	28	7	-2	16	24	11	-5	-23	-22	-1	16	13	4	-6
-5	5	12	-3	-18	-10	6	22	21	11	5	16	31	26	10	-7	-23	-15	10	36
65	76	59	37	14	-10	-21	-11	2	7	-9	-24	-43	-59	-77	-64	-29	10	22	11
-1	0	7	16	24	33	42	50	43	31	17	4	-10	-20	-20	-18	-18	-24	-29	-38
-29	-6	19	25	20	14	7	0	-6	-14	-16	-10	-1	8	17	16	11	6	-3	-16
-29	-42	-39	-29	-19	-8	2	13	18	11	3	-5	-12	-17	-22	-27	-31	-36	-41	-43
-37	-31	-24	-18	-21	-33	-37	-27	-15	-2	10	21	33	37	30	22	16	19	23	29
34	39	44	50	51	35	15	-8	-19	-10	3	17	18	14	8	3	-3	-8	-14	-14
-10	-5	-17	-27	-19	-8	4	17	29	42	37	21	1	-3	13	26	23	13	3	-7
-9	-4	3	9	16	23	25	15	1	-5	7	22	36	29	14	-3	-16	-21	-24	-26
-28	-27	-24	-22	-19	-16	-13	-12	-13	-14	-15	-11	-5	2	9	9	-17	-23	-14	-3
8	7	-4	-17	-24	-13	4	14	7	-2	-12	-22	-24	-13	-2	12	11	-1	-17	-23
-14	-1	1	-5	-10	-18	-19	-11	-3	7	10	0	-12	-18	-10	-1	10	15	8	-3
-10	-5	2	11	15	8	-2	-13	-24	-26	-19	-11	-2	6	13	10	5	-1	-7	-13
-16	-20	-23	-26	-29	-32	-36	-35	-28	-21	-13	-6	2	5	15	19	24	28	32	32
31	29	27	25	23	22	22	22	30	38	48	48	36	22	8	-6	-8	1	5	1



IIB038 66.007.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
 STATION NO. 083 SAN LUIS OBISPO REC BLDG CCMP S54W 35 17 00N, 120 40 00W  
 INSTR PERIOD = 0.0790 SEC DAMPING = 0.574 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.  
 PEAK VALS ACCLN = 11.4 CM/SEC/SEC AT 3.50 SEC VELO = 0.8 CM/SEC AT 7.22 SEC DISP = -0.6 CM AT 20.32 SEC

1486 INSTRUMENT AND BASELINE CORRECTED DATA IN																			INITIAL VELO = 0.08127 CM/SEC																			INITIAL DISP = 0.04917 CM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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61	-108	-102	0	34	52	37	26	5	-9	-66	-73	-18	21	58	61	13	-28	-41	-33	18	3	-9	-23	-19	-5	14	7	-23	-61	-68	-33	6	24	25	26	24	24	23	20	13	6	-13	32	41	30	-36	-70	-45	-18	-17	-27	-41	-41	19	53	55	37	18	-5	-11	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37	24	30	48	48	-19	-44	-17	-14	-37	-74	-75	-29	-6	4	9	16	21	28	24	13	0	16	43	37

[illegible]



II8038 66.C07.0 PARKFIELD, CALIFORNIA EARTHQUAKE JUNE 27, 1966 - 2026 PST EPICENTER 35 54 00N, 120 54 00W  
STATION NO. 083 SAN LUIS CIBISPO REC BLDG COMP Up 35 17 00N, 120 40 00W  
INSTR PERIOD = 0.0800 SEC DAMPING = 0.563 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACLN = -6.1 CM/SEC/SEC AT 4.80 SEC VELO = 1.3 CM/SEC AT 4.72 SEC CISP = -0.9 CM AT 3.06 SEC

INITIAL VELC = -0.48575 CM/SEC INITIAL DISP = 0.21784 CM

1470 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-1	-23	-17	5	28	27	17	6	-6	-11	-5	-5	-15	-18	-8	5	9	2	-7	-9
-3	3	-1	-11	-16	-3	16	14	0	-15	-29	-20	0	17	16	10	5	10	16	25
28	15	-3	-24	-28	-8	16	37	21	-7	-10	6	15	18	15	20	22	18	3	-14
-22	-6	-1	-8	-18	-24	-18	-15	-20	-12	1	12	12	10	7	6	13	28	35	19
-13	-12	-7	-24	-39	-28	-2	11	17	10	3	-7	-11	-5	-1	-2	-4	-5	0	8
19	34	35	21	5	-14	-16	-7	3	14	19	10	0	-12	-25	-28	-11	-18	-11	2
17	32	44	38	28	15	4	-9	-6	10	20	15	7	-3	-12	-20	-27	-33	-39	-35
-23	-5	-1	5	20	23	17	8	10	18	28	27	19	21	25	28	13	-1	9	26
20	5	-2	1	5	13	21	12	-2	-19	-27	-9	15	18	9	1	-7	-15	-15	-7
8	23	19	6	-11	-19	-7	10	23	32	26	-1	-12	-8	-7	-18	-33	-34	-22	-9
5	18	33	37	29	20	12	20	37	49	58	50	33	16	-1	-18	-37	-45	-25	-4
5	9	12	14	9	-7	-8	16	26	20	10	3	21	45	43	26	7	-13	-32	-53
-61	-38	-9	-3	-7	-12	-18	-22	-12	2	18	20	9	-4	-5	-3	3	10	5	-11
-26	-24	-17	-20	-37	-38	-20	-2	-1	-8	-16	-23	-31	-21	-2	19	25	23	20	16
12	8	2	-4	-11	-8	-2	4	8	12	7	-7	-23	-27	-15	-5	-5	-7	-10	-13
-17	-21	-26	-28	-23	-18	-13	-6	9	18	10	-3	-10	5	22	18	6	-7	-16	-13
-7	-1	-3	-9	-8	-2	11	-7	-9	-15	-7	3	14	24	22	15	6	0	1	2
-8	-33	-46	-36	-23	-9	0	8	16	23	20	13	4	4	14	20	7	-9	-11	-4
-4	-10	-17	-23	-14	4	8	3	-2	1	6	12	18	20	12	1	-9	-10	-7	-3
-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	0	5	10	15	19	19	20	18	8
-5	-15	-15	-13	-10	-6	-4	-4	-4	-4	-4	-10	-18	-22	-23	-21	-15	-7	3	14
10	-2	-12	-6	-7	15	10	4	-3	-9	-15	-20	-25	-20	-11	-3	3	9	14	19
24	18	9	-2	-11	-22	-25	-14	2	10	7	4	-1	-5	-7	-6	-4	-3	-2	0
2	4	7	8	7	6	5	3	0	-5	-10	1	18	16	6	0	5	20	20	16
11	6	3	-1	-3	-5	-6	-6	-7	-7	-6	-3	1	5	8	11	10	8	5	3
0	-3	-7	-11	-17	-13	1	8	6	3	-1	-4	-8	-11	-8	-4	0	5	5	7
2	-3	-6	-4	0	-3	6	1	-7	-14	-13	-8	-1	5	13	12	1	-10	-23	-19
-7	8	14	9	2	-5	-12	-19	-27	-28	-21	-13	-4	5	11	10	8	6	3	1
-1	-4	-5	-7	-9	-10	-12	-12	-12	-3	2	-3	1	-2	-5	-8	-5	-4	1	8
13	11	8	4	1	-3	-5	-5	-4	-3	-2	-2	-1	0	1	1	1	1	1	1
1	7	0	-4	-8	-13	-15	-16	-16	-16	-16	-15	-12	-9	-5	0	5	11	13	11
9	8	5	2	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	8
10	14	10	-2	-8	-10	-8	-6	-3	-1	2	4	6	5	10	11	12	13	14	15
16	13	10	4	-1	-2	2	7	12	17	19	14	8	1	-4	-2	1	5	9	14
15	7	10	11	5	2	-1	-3	-4	-5	-6	-7	-7	-9	-5	-7	-4	-2	0	3
5	4	5	6	9	10	8	7	5	4	2	1	-1	-1	0	0	1	2	3	3
4	4	6	7	9	9	11	13	14	15	13	8	3	-4	-5	-9	-7	-5	-2	-1
1	2	3	5	6	8	9	10	10	9	7	5	3	2	0	-2	-4	-4	-4	-4
-3	-3	-3	-3	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1	0	0	0	0	0	1
6	14	13	9	3	-2	-7	-13	-15	-14	-13	-11	-10	-9	-7	-6	-5	-3	-2	-2

[illegible]

IIB039 67.004.0 SECOND NORTHERN CALIFORNIA EARTHQUAKE DEC 10, 1967 - 0406 PST EPICENTER 40 30 00N, 124 36 00W  
STATION NO. 022 EUREKA FED BLDG COMP SITE 40 48 00N, 124 09 00W  
INSTR PERIOD = 0.0670 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -20.4 CM/SEC/SEC AT 0.88 SEC VELO = -2.3 CM/SEC AT 1.06 SEC DISP = -0.9 CM AT 26.20 SEC

INITIAL VELG = -0.10066 CM/SEC INITIAL DISP = -0.04135 CM

1500 INSTRUMENT ANC BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

-3	19	34	48	61	75	85	94	58	91	79	64	43	34	45	57	61	51	38	9
-46	-57	-108	-122	-122	-139	-156	-171	-154	-105	-7	57	145	159	148	124	70	16	-20	-51
-88	-139	-178	-192	-204	-203	-173	-128	-87	-67	-74	-81	-64	-32	32	104	110	51	-10	-48
-45	15	71	78	67	52	30	7	27	76	119	130	96	45	-5	-49	-77	-73	-40	-16
-12	-11	-4	6	17	37	50	47	31	6	-26	-36	-21	-8	2	12	23	35	48	53
45	33	18	0	-21	-43	-53	-48	-38	-28	-16	-2	22	48	62	70	80	90	100	104
86	54	29	15	-1	-29	-52	-61	-55	-44	-29	-8	5	13	21	27	34	42	51	31
-5	-25	-37	-37	-26	-6	21	50	66	55	37	29	22	7	-10	-29	-42	-27	0	15
19	21	23	16	0	-19	-26	-19	-7	6	22	28	1	-43	-85	-91	-63	-31	-16	-20
-28	-25	-13	1	19	39	59	77	56	14	-17	-35	-43	-38	-34	-29	-28	-33	-42	-45
-32	-13	5	21	21	9	-2	-8	-8	-8	-7	-5	1	4	-2	-13	-20	-10	12	33
52	56	35	9	-16	-39	-43	-31	-18	-5	9	24	38	37	25	12	0	-13	-26	-40
-43	-32	-18	-5	5	15	24	35	37	22	3	-17	-40	-64	-84	-94	-84	-66	-50	-23
18	51	65	61	45	29	13	3	-1	-5	-6	0	9	18	26	33	25	0	-24	-37
-48	-52	-38	-17	3	19	31	43	56	58	47	33	19	0	-24	-37	-28	-12	4	25
36	27	11	-2	-7	-6	-6	-12	-21	-29	-29	-17	-4	10	26	38	32	17	3	-11
-15	-11	-6	-2	-2	-7	-14	-20	-27	-31	-24	-12	0	5	-2	-12	-21	-30	-36	-37
-37	-37	-31	-21	-11	-4	-4	-7	-6	-2	3	9	17	23	24	19	15	15	21	28
35	33	18	-1	-18	-25	-22	-19	-16	-13	-9	-2	5	12	19	31	44	58	67	60
45	30	13	-5	-15	-18	-21	-25	-27	-25	-17	-8	1	14	29	36	34	31	30	34
38	42	40	32	21	8	-4	-5	0	4	9	14	18	23	25	18	5	-7	-16	-28
-39	-47	-46	-40	-33	-27	-19	-6	8	22	37	45	38	26	13	0	-13	-15	-6	5
15	26	32	28	20	13	7	1	-4	-8	-13	-18	-23	-29	-34	-38	-37	-34	-32	-29
-27	-24	-21	-17	-14	-10	-3	7	16	25	31	25	15	4	-4	-8	-11	-14	-17	-20
-26	-41	-48	-45	-38	-25	-10	6	23	33	32	30	28	27	28	31	32	32	31	31
30	29	29	28	21	9	-2	-15	-28	-39	-41	-38	-35	-32	-25	-26	-24	-21	-18	-16
-13	-9	-4	0	5	10	16	21	26	28	29	30	31	32	30	24	18	12	9	6
3	0	-3	-6	-9	-12	-13	-10	-5	-1	4	12	21	30	34	26	14	2	-10	-22
-32	-41	-47	-45	-41	-37	-33	-29	-26	-21	-15	-8	0	5	4	-1	-6	-10	-12	-9
-7	-5	-12	-26	-33	-29	-23	-17	-11	-5	1	4	1	-2	-3	3	8	3	-4	-11
-18	-22	-19	-12	-6	-1	4	9	13	11	4	-3	-8	-10	-12	-14	-15	-17	-19	-19
-14	-9	-3	3	8	14	20	25	26	20	14	7	-1	-10	-18	-21	-18	-14	-11	-7
-2	5	12	20	25	25	21	18	15	12	9	7	7	9	11	13	15	17	17	14
11	11	16	22	27	33	38	44	50	53	49	43	37	30	23	15	13	16	20	23
27	29	19	5	-10	-24	-36	-48	-59	-60	-57	-54	-51	-47	-42	-36	-31	-24	-17	-9
-2	6	14	23	31	40	48	55	61	64	65	64	57	44	29	15	2	-3	-4	-5
-6	-7	-9	-10	-12	-14	-15	-17	-19	-21	-22	-19	-15	-11	-7	-3	1	7	13	19
18	12	6	-1	-7	-14	-20	-27	-32	-34	-22	-34	-34	-34	-34	-34	-34	-34	-34	-33
-33	-33	-33	-33	-32	-31	-28	-26	-24	-22	-20	-18	-16	-15	-14	-17	-20	-23	-26	-29
-31	-33	-35	-36	-38	-39	-36	-32	-28	-22	-14	-4	6	13	16	23	29	34	39	44

45	43	41	39	37	34	31	28	26	26	31	35	40	45	49	52	54	56	59	60
54	46	37	28	17	4	-8	-19	-29	-29	-34	-31	-28	-26	-23	-22	-22	-22	-21	-21
-21	-17	-13	-8	-4	1	5	8	10	10	15	15	12	7	3	-1	-5	-9	-13	-17
-21	-25	-26	-24	-19	-15	-10	-6	-2	-2	8	13	17	22	27	31	36	39	41	44
46	45	42	38	34	30	26	19	11	11	27	-16	-22	-28	-31	-28	-23	-19	-14	-10
-6	-2	2	6	10	14	17	20	24	24	27	16	19	15	11	7	2	-3	-7	-12
-17	-23	-29	-35	-38	-37	-34	-31	-29	-26	-23	-20	-18	-16	-15	-13	-11	-10	-8	-6
-5	-4	-3	-2	-1	-1	0	4	9	15	20	24	28	31	34	34	31	28	26	23
20	19	18	17	16	15	14	13	12	11	10	9	8	8	7	7	8	7	8	7
8	5	-1	-8	-11	-11	-10	-10	-10	-10	-10	-9	-10	-11	-12	-13	-14	-16	-17	-18
-20	-23	-25	-27	-30	-31	-29	-25	-20	-16	-12	-7	-2	3	9	15	22	30	34	33
29	26	22	19	15	11	7	3	-1	-4	-5	-4	-3	-2	-1	0	1	2	1	-1
-3	-5	-7	-10	-12	-14	-15	-17	-14	-13	-12	-11	-10	-9	-11	-14	-18	-22	-25	-29
-31	-30	-28	-26	-25	-22	-20	-17	-14	-11	-9	-6	-3	0	2	5	8	11	13	13
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
13	13	14	16	19	22	25	28	28	24	20	16	11	7	3	-4	-10	-16	-22	-28
-33	-32	-27	-22	-17	-12	-7	-3	1	5	8	6	3	1	-2	-5	-10	-10	-11	-12
-14	-15	-16	-17	-18	-18	-18	-18	-17	-17	-17	-17	-17	-16	-16	-16	-15	-10	-14	-14
-13	-13	-12	-12	-10	-6	-1	4	9	13	18	23	25	24	23	21	20	18	16	13
9	5	1	-3	-7	-9	-10	-11	-13	-14	-14	-12	-8	-5	-2	2	4	4	1	-2
-4	-7	-8	-6	-4	-2	0	3	5	7	7	7	7	7	6	6	6	5	5	5
-15	-13	-11	-9	-7	-5	-2	-4	-6	-8	-10	-13	-14	-15	-15	-15	-15	-15	-15	-15
-3	-6	-10	-13	-16	-20	-23	-22	-18	-14	-11	-7	-3	0	4	6	6	4	2	1
0	-2	-3	-5	-6	-7	-5	-3	-1	2	4	6	8	10	12	14	16	18	19	21
23	24	25	27	28	30	31	32	30	28	26	23	21	19	16	13	9	5	1	-3
-7	-11	-13	-12	-11	-9	-7	-6	-4	-3	-1	0	2	4	4	3	2	2	1	1
0	0	1	2	3	4	6	7	8	9	10	12	13	14	15	16	16	16	17	17
18	18	18	19	18	16	13	10	7	4	1	-2	-5	-6	-7	-7	-8	-8	-9	-10
-10	-11	-10	-9	-8	-7	-6	-4	-3	-2	-1	1	1	1	0	-1	-2	-2	-3	-4
-2	1	5	9	12	16	20	19	16	14	11	8	5	2	1	0	-2	-3	-4	-5
-6	-7	-8	-10	-11	-12	-13	-14	-15	-16	-17	-19	-19	-19	-18	-16	-15	-14	-13	-11
-10	-9	-7	-6	-4	-2	1	4	5	4	2	1	-1	-2	-4	-5	-7	-8	-9	-8
-7	-6	-5	-4	-3	-2	-1	0	1	2	3	4	5	6	7	7	6	4	2	0
-2	-4	-6	-8	-10	-12	-13	-13	-10	-8	-6	-4	-2	0	2	5	7	9	11	11

I18039 67.004.0 SECOND NORTHERN CALIFORNIA EARTHQUAKE DEC 10, 1967 - 0406 PST EPICENTER 40 30 00N, 124 36 00W  
STATION NO. 022 EUREKA FED BLDG COMP N79E 40 48 00N, 124 69 00W  
INSTR PERIOD = 0.0660 SEC DAMPING = 0.592 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = 19.5 CM/SEC/SEC AT 0.98 SEC VELO = -2.8 CM/SEC AT 0.14 SEC DISP = 1.4 CM AT 11.22 SEC

INITIAL VELO = 1.32180 CM/SEC INITIAL DISP = 0.57917 CM

1493 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

13	1	-8	-16	-25	-40	-64	-90	-116	-130	-117	-56	-70	-45	-35	-36	-34	-23	-10	-1
3	7	14	27	26	-3	-53	-98	-128	-145	-142	-129	-124	-125	-125	-100	-39	27	69	93
111	129	137	134	128	130	132	141	165	155	190	140	54	-26	-36	-25	-48	-86	-105	-94
-76	-73	-80	-76	-60	-48	-32	-2	0	-20	-21	-7	4	-7	-18	3	28	21	-15	-44
-38	-23	-16	-9	15	54	62	31	-11	-37	-37	-33	-32	-17	22	48	27	-6	-21	-6
27	64	96	119	124	110	93	82	76	57	24	7	0	-19	-45	-70	-89	-106	-113	-86
-40	-1	14	15	12	7	0	-4	0	3	-4	-19	-24	-8	18	47	79	97	84	64
32	-8	-23	-27	-34	-35	-22	-2	-7	-31	-42	-36	-27	-24	-28	-33	-43	-59	-76	-85
-73	-56	-36	-7	36	82	104	105	89	67	41	-1	-37	-58	-73	-86	-92	-92	-89	-80
-66	-29	27	78	124	136	117	95	65	37	24	22	28	33	27	7	-15	-31	-45	-43
-27	-12	-6	-1	4	8	12	16	18	17	16	14	5	-14	-25	-27	-28	-30	-31	-33
-32	-24	-13	-4	-6	-11	-5	10	24	39	54	70	78	65	41	20	5	-6	-17	-21
-19	-16	-18	-20	-15	-9	-3	4	10	16	22	23	20	16	12	4	-7	-18	-20	-15
-9	-5	-6	-7	-9	-14	-19	-23	-18	-8	2	10	18	25	24	17	9	-2	-16	-31
-45	-44	-25	-4	11	23	28	29	29	31	37	48	53	47	35	23	11	3	4	7
9	12	14	14	12	11	9	7	4	1	-3	-3	4	11	15	31	43	54	63	61
53	40	11	-25	-44	-45	-39	-31	-21	-11	-11	-18	-25	-32	-35	-30	-20	-9	1	3
0	-2	-2	1	3	-3	-19	-37	-42	-36	-29	-24	-21	-16	-8	1	5	-2	-12	-23
-36	-50	-52	-42	-29	-14	4	19	21	16	12	13	16	18	22	26	30	34	36	33
29	24	19	11	3	-5	-13	-21	-25	-21	-16	-10	-3	6	15	19	15	10	6	5
8	10	13	16	17	15	12	9	6	5	5	4	3	2	-3	-11	-19	-27	-30	-29
-27	-25	-23	-21	-18	-15	-11	-8	-4	0	5	13	21	23	21	17	14	12	15	20
25	23	11	-4	-19	-30	-25	-11	2	13	24	34	37	36	34	33	31	29	26	21
16	10	-2	-17	-31	-40	-43	-46	-48	-50	-52	-55	-55	-47	-35	-24	-13	-2	5	16
16	15	14	12	11	11	11	10	10	10	11	12	15	14	3	-14	-25	-21	-12	-3
5	7	4	2	-1	-3	-6	-8	-11	-13	-15	-18	-20	-23	-25	-19	-7	6	12	9
4	0	-5	-5	-2	2	5	8	9	6	2	-3	-7	-12	-15	-11	-4	3	10	17
24	29	30	28	26	24	20	13	4	-5	-14	-22	-30	-35	-33	-29	-25	-20	-14	-10
-12	-19	-25	-29	-32	-32	-31	-29	-27	-25	-27	-35	-43	-52	-63	-75	-85	-81	-66	-50
-35	-19	-3	13	28	32	27	23	18	13	8	7	13	21	30	42	55	64	61	54
48	42	36	30	24	18	13	8	5	1	-2	-4	-3	0	3	5	5	2	-1	-4
-7	-10	-14	-17	-21	-25	-29	-26	-20	-13	-6	0	5	8	10	13	13	10	5	1
-1	0	2	3	5	6	8	9	14	22	30	38	46	42	27	10	-4	-17	-28	-40
-47	-42	-33	-24	-16	-8	-2	3	8	14	19	25	30	31	28	24	16	0	-13	-22
-30	-39	-43	-38	-30	-23	-16	-10	-5	0	5	10	13	17	20	23	25	24	-23	-22
21	22	24	26	28	29	31	31	26	20	13	6	0	-6	-12	-17	-22	-27	-31	-36
-35	-30	-24	-19	-8	-6	2	9	14	10	2	-5	-12	-18	-23	-29	-34	-34	-30	-26
-22	-18	-15	-11	-8	-5	-3	-3	-3	-1	1	4	7	10	12	16	19	23	25	22
17	13	8	2	-4	-9	-14	-14	-10	-7	-4	0	4	8	12	17	21	26	30	33
23	7	-5	-11	-16	-20	-25	-29	-28	-24	-20	-16	-13	-9	-7	-4	-2	0	3	7

11	16	18	13	8	2	-3	-1	2	5	7	10	12	15	18	18	15	12	9
6	0	-8	-15	-22	-24	-21	-14	-11	-8	-5	-1	2	6	10	14	18	20	19
15	12	9	4	6	7	8	10	11	13	15	17	19	21	23	25	26	24	20
16	12	8	4	0	-6	-14	-20	-22	-24	-32	-39	-38	-32	-26	-20	-14	-7	0
5	8	11	14	15	15	14	12	11	8	4	-1	-3	-1	9	13	17	17	17
14	9	5	1	-4	-9	-14	-20	-26	-27	-26	-23	-19	-16	-12	-13	-16	-20	-24
-28	-31	-31	-25	-18	-11	-5	11	19	27	35	40	42	45	47	50	50	48	45
42	40	37	34	31	27	22	16	6	1	-5	-10	-13	-14	-15	-16	-17	-17	-15
-18	-18	-19	-19	-19	-19	-19	-11	-6	-2	3	8	12	16	20	23	21	18	17
12	9	7	9	13	17	21	29	28	23	18	13	8	4	-1	-6	-9	-12	-15
-18	-21	-24	-23	-20	-16	-12	-4	0	3	6	8	11	13	16	19	22	25	28
31	35	40	45	51	54	53	46	42	39	35	32	29	27	24	22	19	17	12
5	-3	-11	-18	-24	-30	-35	-46	-49	-50	-50	-50	-50	-50	-49	-48	-45	-43	-41
-38	-36	-30	-23	-16	-9	-6	-13	-17	-21	-24	-23	-18	-13	-8	-3	1	5	9
13	17	20	21	20	18	16	15	11	10	8	6	4	1	-1	-3	-6	-8	-11
-14	-16	-19	-22	-23	-21	-19	-16	-14	-10	-8	-6	-3	-1	1	3	5	4	3
1	0	-1	-3	-4	-3	0	5	7	9	11	9	5	1	-3	-6	-10	-13	-12
-11	-9	-8	-7	-6	-4	-2	-1	1	2	3	4	5	5	3	1	-1	-2	-4
-5	-4	-3	-2	-1	0	1	3	1	-2	-6	-10	-14	-17	-16	-14	-13	-11	-10
-8	-7	-5	-4	-2	-1	1	4	5	5	5	4	3	3	2	1	0	0	-1
-2	-2	-3	-4	-4	-5	-6	-7	-8	-8	-5	0	5	10	12	10	9	7	6
4	3	1	0	-2	-3	-4	-6	-7	-8	-6	-5	-10	-11	-12	-12	-13	-14	-15
-16	-15	-14	-13	-11	-10	-9	-8	-5	-4	-3	-1	1	3	4	6	8	10	11
10	8	5	2	-1	-4	-6	-9	-13	-12	-9	-7	-5	-3	0	2	7	14	20
26	32	38	41	43	46	49	51	47	31	22	14	6	-1	-3	-3	-3	-4	-7
-4	-4	-5	-5	-5	-5	-6	-6	-6	-6	-6	-6	-7	-7	-7	-7	-7	-7	-7
-7	-7	-7	-7	-7	-7	-7	-7	-8	-7	-5	-2	0	3	5	8	12	16	21
25	25	34	36	35	32	29	26	20	18	15	12	10	5	7	6	4	3	2
0	-1	-3	-5	-7	-9	-11	-14	-21	-24	-28	-31	-34	-38	-39	-37	-35	-33	-31
-29	-27	-25	-24	-25	-25	-25	-25	-25	-25	-24	-22	-18	-15	-12	-9	-5	-1	3
7	11	16	20	24	28	33	37	39	44	46	48	50	48	44	40	36	31	27
23	19	14	9	2	-4	-10	-16	-22	-31	-31	-30	-25	-28	-27	-26	-25	-25	-24
-23	-21	-20	-20	-18	-15	-13	-11	-9	-6	-2	1	3	5	7	9	11	12	14
15	17	18	19	21	22	24	25	27	27	24	20	17	14	10	7	4	0	-3
-7	-10	-13	-16	-19	-22	-24	-26	-29	-33	-36	-36	-36	-36	-36	-36	-36	-36	-36

II8039 67.004-0 SECOND NORTHERN CALIFORNIA EARTHQUAKE DEC 10, 1967 - 0406 PST EPICENTER 40 30 00N, 124 36 00W  
STATION NO. 022 EUREKA FED BLDG CMP Down 40 48 00N, 124 09 00W  
INSTR PERIOD = 0.0660 SEC DAMPING = 0.330 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.

PEAK VALS ACCLN = -7.7 CM/SEC/SEC AT 0.98 SEC VELO = -1.5 CM/SEC AT 16.30 SEC DISP = -1.3 CM AT 17.48 SEC

INITIAL VELO = -0.58659 CM/SEC INITIAL DISP = 0.16011 CM

1458 INSTRUMENT AND BASELINE CORRECTED DATA IN MM/SEC/SEC AT EQUALLY-SPACED INTERVALS OF 0.02 SEC

18	21	24	27	29	32	34	32	32	28	14	3	6	13	16	16	11	5	-3	-1	18
41	37	5	-26	-39	-36	-21	-11	-16	-19	-19	-16	-12	-9	-9	-10	1	21	48	62	51
29	13	13	21	24	19	4	-23	-58	-77	-77	-60	-34	-29	-37	-42	-30	-14	-6	0	5
3	-8	-10	14	26	4	-22	-9	32	45	45	24	-6	-13	-6	-8	-9	9	12	-19	-41
-21	16	15	-31	-46	6	54	41	2	-3	15	30	52	33	-6	-26	-23	-18	-23	-24	0
32	25	-5	-10	5	12	5	0	5	15	15	8	-19	-44	-36	-8	-4	-23	-20	-1	12
22	37	47	45	36	34	40	36	17	1	1	2	-4	-25	-27	-1	22	26	20	5	-5
-10	14	35	27	5	-16	-27	-25	-17	-9	-9	-6	-5	-5	-12	-21	-17	-2	7	2	-3
3	11	0	-18	-18	-8	-1	-5	-6	7	7	22	24	18	-12	-15	18	4	-25	-50	-55
-49	-31	5	35	36	25	16	15	24	37	37	41	20	-15	-28	-15	-6	-6	-1	12	18
9	-1	-7	-15	-22	-18	-6	5	12	13	13	11	8	-1	-11	-9	0	3	-3	-6	2
14	17	11	6	-23	9	8	6	4	4	27	-2	-5	-10	-16	-21	-21	-16	-11	-11	-17
-26	-35	-44	-40	7	1	31	44	38	33	33	16	5	0	-6	-11	-17	-22	-27	-32	-32
-24	-14	-3	7	19	33	46	50	43	43	19	26	15	9	3	0	-5	-9	-12	-15	-19
-25	-30	-36	-39	-37	-31	-25	-13	2	2	19	26	22	14	7	7	-7	-17	-24	-23	-15
-8	-10	-20	-21	-9	0	-1	-7	-13	-14	-14	-8	1	9	15	16	14	13	17	23	31
40	45	37	25	18	17	17	18	19	21	21	21	19	15	12	5	3	-7	-18	-20	-14
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118040 68.008.0 BORRERO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1630 PST EPICENTER 33 09 00N, 116 08 00W  
 STATION NO. 280 SAN ONOFRE SCE POWER PLANT CCMP N33E 33 22 05N, 117 33 17W  
 INSTR PERIOD = 0.0530 SEC DAMPING = 0.552 ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.  
 PEAK VALS ACCLN = 40.0 CM/SEC/SEC AT 15.78 SEC VELO = -3.7 CM/SEC AT 19.52 SEC DISP = -1.7 CM AT 22.38 SEC

2255 INSTRUMENT AND BASELINE CORRECTED DATA IN																			MM/SEC/SEC																			AT EQUALLY-SPACED INTERVALS OF																			0.02																			SEC																		
INITIAL VELC = 0.31474 CM/SEC																			INITIAL DISP = -0.24862 CM																																																																											
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II18040 68.008.0 BORREGO MOUNTAIN EARTHQUAKE APR 8, 1968 - 1830 PST  
STATION NO. 280 SAN ONOFRE SCE POWER PLANT  
INSTR PERIOD = 0.0520 SEC DAMPING = 0.592  
ACCELEROGRAM IS BAND-PASS FILTERED BETWEEN 0.070 AND 25 CYC/SEC.  
EPICENTER 33 09 00N, 116 08 00W  
CMP DWN 33 22 05N, 117 33 17W

```

PEAK VALS      ACLN = -54.2  CM/SEC/SEC AT  0.96 SEC      VELO =  3.7  CM/SEC AT  0.90 SEC      CISP = -1.7  CM AT 25.10 SEC

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INITIAL VELO = 0.35861 CM/SEC
INITIAL DISP = -0.61661 CM
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2260	INSTRUMENT AND BASELINE CORRECTED DATA IN	MM/SEC/SEC	AT EQUALLY-SPACED INTERVALS OF	0.02	SEC
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-28	-25	-23	-20	-15	-12	-9	-7	-4	-2	-2	-4	-5	-7	-8	-10	-11	-13	-14

California Institute of Technology  
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22151:

EERL 70-20	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data (Vol.I, Part A)	PB-187 847
EERL 70-21	" " (Vol.I, Part B)	PB-196 823
EERL 71-20	" " (Vol.I, Part C)	PB-204 364
EERL 71-21	" " (Vol.I, Part D)	PB-208 529
EERL 71-22	" " (Vol.I, Part E)	PB-209 749
EERL 71-23	" " (Vol.I, Part F)	PB-210 619
EERL 72-20	" " (Vol.I, Part G)	PB-211 357
EERL 72-21	" " (Vol.I, Part H)	PB-211 781
EERL 72-22	" " (Vol.I, Part I)	PB-213 422
EERL 72-23	" " (Vol.I, Part J)	PB-213 423
EERL 72-24	" " (Vol.I, Part K)	PB-213 424
EERL 71-50	Strong-Motion Earthquake Accelerograms - Digitized and Plotted Data: Corrected Accelerograms and Integrated Ground Velocity and Displacement Curves (Vol.II, Part A)	PB-208 283
EERL 72-80	Analyses of Strong Motion Earthquake Accelerograms - Response Spectra (Vol. III, Part A)	PB-212 602
EERL 72-100	Analyses of Strong Motion Earthquake Accelerograms - Fourier Amplitude Spectra (Vol. IV, Part A)	PB-212 603
Joint Report:	Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971	PB-204 198
EERL 71-01	P. C. Jennings <u>et al</u> , Forced Vibration of a 22-Story Steel Frame Building	PB-205 161
EERL 71-02	P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake	PB-202 550
EERL 71-03	Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation	PB-205 304
EERL 71-04	Jacobo Bielak, Earthquake Response of Building-Foundation Systems	PB-205 305
EERL 71-05	M. D. Trifunac, F. E. Udwadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms	PB-205 369

EERL 71-06	Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams	PB-205 267
EERL 71-07	John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings	PB-207 635
EERL 72-01	P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction	PB-209 666
EERL 72-02	F. E. Udawadia, Investigation of Earthquake and Microtremor Ground Motions	PB-212 853
DRC 72-01	Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire	PB-213 256